

State Science Day Participants - May 10, 2008
Sponsored by The Ohio Academy of Science, American Electric Power, The
Ohio Environmental Education Fund, and Boehringer Ingelheim Roxane, Inc.
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County

SCHOOL: Home Schooled

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Cherylyn M Geers **Grade: 09** **Individual** Superior

3721 Dust Commander Dr, Hamilton OH 45011-5525

Project Title: Rocket finder: Part II Finding the range

Mr Christopher J Menart **Grade: 08** Superior

6925 Morley Ln, Huber Heights OH 45424

Project Title: Effect of body shape on aerodynamic drag

Mr Joseph F Petty **Grade: 09** **Individual** Superior 032 2nd

3511 Swigart Rd, Dayton OH 45440

Project Title: Egg-cellent grading

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County Adams

SCHOOL: Manchester HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Jarred C Quinlan Grade: 11 Individual 376 Paulette Ln, Manchester OH 45144 <i>Project Title: Mighty pucks</i>	Excellent	010 SCH

SCHOOL: Peebles HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Kelsey L Bengtson Grade: 08 Individual 13614 Ft Hill Rd, Hillsboro OH 45133 <i>Project Title: Weightin' around</i>	Excellent	

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County Allen

SCHOOL: Bluffton MS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Jeremy J Basinger **Grade: 08** **Individual** Excellent
 4080 E Hook-Waltz Rd, Elida OH 45807
Project Title: Footballs: Helium vs. air

Ms Hannah B Chappell-Dick **Grade: 08** **Individual** Excellent
 213 S Jackson St, Bluffton OH 45817
Project Title: Fuel efficiency

Ms Lindsey B Sneary **Grade: 08** **Individual** Excellent
 129 E Elm St, Bluffton OH 45817
Project Title: Color affecting math

Mr Chase C Wilson **Grade: 08** **Individual** Excellent
 20240 Twp Rd 60, Jenera OH 45841
Project Title: Arch, beam, or suspension: Which bridge design will hold the most weight?

SCHOOL: St Charles

Harold C. Shaw Outstanding
 School Award

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Michael J Frankart **Grade: 08** **Individual** Superior 148 1st 154 1st
 5044 Brookhill Ln, Lima OH 45807
Project Title: Heartburn remediation: a comparison between over-the-counter treatments and home remedies

Ms Devan M Guagenti **Grade: 08** **Individual** Superior
 144 Harper Ave, Lima OH 45807
Project Title: How dirty is your toothbrush?

Ms Anna F Heider **Grade: 08** **Individual** Excellent
 707 Raleigh Creek Dr, Cridersville OH 45806
Project Title: How effective is our school's disinfectant?

Mr Zachary B Jamal **Grade: 08** **Individual** Superior 080 1st 154 1st
 3053 Lakeshore Dr, Lima OH 45806
Project Title: E S P A C: Electric solar powered air car

Ms Robin S Klaus **Grade: 08** **Individual** Superior 070 HM 079 HM 154 1st
 700 Beechwood Pl, Elida OH 45807-1101
Project Title: Lake Erie water clarity: Is wind a contributing factor?

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Mr Shayna L Niese Grade: 08 Individual Superior
395 Wildbrook Ln, Elida OH 45807
Project Title: Does age affect the Stroop Effect

Mr John P Wieser Grade: 08 Individual Superior
1385 Shoreview Dr, Lima OH 45805
Project Title: Comparisons of bone mineral densities between participants with and without previous forearm fractures

SCHOOL: St Gerard

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Molly C Clements Grade: 07 Individual Excellent
306 S Rosedale, Lima OH 45805
Project Title: Tide laundry detergent: Original vs. bleach alternative

Mr Jordan M Wurth Grade: 07 Individual Excellent
5377 N Cole St, Lima OH 45807
Project Title: Air dried wood: Which species are more dense?

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County Ashland

SCHOOL: Ashland Christian

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Jordan R Dohner Grade: 08 Individual Excellent
1283 Twp Rd 1656, Ashland OH 44805
Project Title: Does potential energy affect the distance a golf ball flies?

Ms Rebekah G Douglass Grade: 08 Superior
1173 Twp Rd 753, Ashland OH 44805
Project Title: Which brand of black pen contains the most pigments?

Ms Rachel M Winger Grade: 07 Individual Excellent
535 W Main St, Ashland OH 44805
Project Title: What does bridge design have to do with weight bearing capacity

SCHOOL: Black River HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Cassandra M Sikora Grade: 12 Excellent
1161 Verbena Ct, West Salem OH 44287
Project Title: Hydroharmonics: combining resonance and math to create music

SCHOOL: Mapleton HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Kaitlyn S Boyer Grade: 11 Team Excellent
1025 CR 1175, Ashland OH 44805
Project Title: Ancient power

Ms Kali E Hutchinson Grade: 12 Individual Excellent
869 SR 58, Ashland OH 44805
Project Title: How slow can you go?

Mr Jeffrey W Moore Grade: 11 Team Excellent
973 Twp Rd 975, Ashland OH 44805
Project Title: Ancient power

Ms Maggie M Reinmann Grade: 11 Superior
948 Twp 754 RR 3, Ashland OH 44805
Project Title: Biodegradable plastics

Ms Christine H Ritchie Grade: 11 Individual Excellent
1368 US Hwy 224, New London OH 44851
Project Title: Take it to the limit: A battle of bridges

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County Ashland

Mr Logan A Walter Grade: 11 Individual Superior 193 SCH 206 1st
1237 Twp Rd 346, Nova OH 44859-9746

Project Title: Alfalfa soil - The effects of different types of soils on the germination, growth and development of alfalfa

SCHOOL: Mapleton MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Alaina B James Grade: 08 Individual Excellent
947 St Rt 58 Box 126, Nankin OH 44848

Project Title: Acids: The effect on copper pennies

SCHOOL: Perrysville JS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Mara L Cooperrider Grade: 08 Superior
2869 Green Twp Rd 857, Perrysville OH 44864

Project Title: Plants and fertilizers

SCHOOL: St Edward

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Melissa K Dix Grade: 07 Individual Excellent
1548 Twp Rd 805, Ashland OH 44805

Project Title: Microwave effects on bean seeds

Ms Emily R Pauly Grade: 07 Individual Good
1319 Twp Rd 1503, Ashland OH 44805

Project Title: Palates of age

Mr John D Tomchak Grade: 07 Individual Superior
1220 Fairway Dr, Ashland OH 44805

Project Title: Will oxygenated water affect the growth rate of plants?

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County Ashtabula

SCHOOL: Geneva HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Ms Cassandra L Baker Grade: 11 Individual 5275 S River Rd E, Geneva OH 44041 <i>Project Title: Keeping it even warmer</i>	Excellent	
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Mr Zachary D Depp Grade: 10 Individual 910 State Rd, Geneva OH 44041 <i>Project Title: In search of yellow dye #5</i>	Superior	
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Mr Garrhett G Via Grade: 09 Individual 221 Pepperidge Dr, Geneva OH 44041 <i>Project Title: Are they worth the extra green?</i>	Excellent	032 3rd
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Mr Braxton L Wessell Grade: 11 Individual 1852 SR 534 S, Geneva OH 44041 <i>Project Title: Which insulation is best in a structure?</i>	Excellent	171 SCH
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SCHOOL: Geneva JS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Mr Matthew T Horgan Grade: 08 Individual 2067 Beringer Pl, Geneva OH 44041 <i>Project Title: Evaluating the effectiveness of parachute design according to shape</i>	Excellent	
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County Auglaize

SCHOOL: Memorial HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Ms Heather L Bradford Grade: 12 Individual 05631 Glynwood Rd, St Marys OH 45885	Superior	023 1st 032 3rd
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Project Title: Aureomycin: Effect on performance and carcass traits of developing heifers

Ms Diana M Saintignon Grade: 11 Individual 15429 Glynwood New Knoxville Rd, St Marys OH 45885	Superior	146 3rd 175 HM
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Project Title: Fats: Instant energy or cause of exhaustion

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County Belmont

SCHOOL: Barnesville Independent

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Hannah N Kriechbaum Grade: 08 Individual Excellent

59965 Somerton Hwy, Barnesville OH 43713

Project Title: Y swim?

Mr Zachary A Leach Grade: 07 Individual Excellent

60525 Sandy Ridge Rd, Barnesville OH 43713

Project Title: Tail gate debate: Does tail gate position affect gas mileage?

Ms Kaitlen M Wallace Grade: 08 Individual Excellent

55885 New Castle Rd, Jerusalem OH 43747

Project Title: Scream for ice cream

SCHOOL: Faith Community Christian

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Brodie J Reitter Grade: 09 Individual Excellent

67470 Pancoast Rd, Belmont OH 43718

Project Title: Paintball accuracy

Ms Micaela S Rockwell Grade: 09 Individual Excellent

63796 Barnesville St, Barnesville OH 43713

Project Title: Rotten to the core

SCHOOL: New Covenant Academy

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Robert M Brown Grade: 07 Individual Excellent

902 Jefferson St, Martins Ferry OH 43935

Project Title: Oil affects evaporation

Mr Juan D Dunlap Grade: 07 Individual Superior

39777 National Rd, Bethesda OH 43719

Project Title: Miracle Gro, Peters or water?

Mr Codi L Eaton Grade: 07 Individual Excellent

48655 Hillcrest Dr, St Clairsville OH 43950

Project Title: Tire treatment

Mr Graham W Hart Grade: 07 Individual Good

44841 Belmont-Centerville Rd, Belmont OH 43718

Project Title: Fishing line strength

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County Belmont

Ms Holly J Young Grade: 07 Individual Excellent
323 W Church St, Barnesville OH 43713
Project Title: Basketballs: Boys vs. girls

SCHOOL: St Mary

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Nicholas J Makris Grade: 07 Individual Excellent
70685 Clover Ridge Dr, St Clairsville OH 43950
Project Title: What's with that cube: What's the fastest way to solve a Rubik's cube?

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County Brown

SCHOOL: Eastern JS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Gunner C Pollitt **Grade: 07** **Individual** Excellent
28 Waynoka Dr, Sardinia OH 45171
Project Title: The nose knows - Can your sense of smell curb your cravings?

SCHOOL: Fayetteville Perry MS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Amanda L O'Donnell **Grade: 08** Superior
436 Lorelei Dr, Fayetteville OH 45118
Project Title: Grease lightning

SCHOOL: Georgetown Jr/Sr HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Ian E Cowdrey **Grade: 09** **Individual** Superior 165 1st
8161 Marks Rd, Hamersville OH 45130
Project Title: Model rocket fin profile vs. altitude test

Mr Austin D Rust **Grade: 07** **Individual** Superior
3794 Shaw Rd, Georgetstown OH 45121
Project Title: How do different amounts of resistance affect brightness of a light bulb?

SCHOOL: Mount Orab MS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Graham G Griffith **Grade: 07** **Individual** Superior
13015 Lake Grant Rd, Bethel OH 45106
Project Title: Does treated sewage discharge decrease macroinvertebrate populations?

Mr Avery W Morgan **Grade: 07** **Individual** Excellent
12728 New Hope White Oak Sta Rd, Sardinia OH 45171
Project Title: The test of the toothpastes

SCHOOL: Ripley-Union-Lewis-Huntington MS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Brooke L Horton **Grade: 07** **Team** Superior
126 Madonna Dr, West Union OH 45693
Project Title: Chew your way to an A

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Ms Brianna Payne Grade: 07 Team Superior
1680 Big Three Mile Rd, Aberdeen OH 45101
Project Title: Chew your way to an A

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County Butler

SCHOOL: Fairfield MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Nate J Chester Grade: 07 Individual 5599 Tallawanda Dr, Fairfield OH 45014 <i>Project Title: Cool compasses</i>	Excellent	
Mr Matthew B Coates Grade: 07 Individual 531 Saint Thomas Ct, Fairfield OH 45014 <i>Project Title: Battery arrangements for power or life</i>	Superior	
Mr Bernard R Hogan Grade: 07 Individual 3170 Tylersville Rd, Hamilton OH 45011 <i>Project Title: How does angle of attack affect lift?</i>	Superior	
Mr Michael A Jones Grade: 07 Individual 50 Bent Tree Dr Apt 3B, Fairfield OH 45014 <i>Project Title: How temperature affects distance in golf balls</i>	Excellent	178 1st
Ms LeeAnn K Olthaus Grade: 08 Individual 6061 Hexagon Dr, Fairfield OH 45014 <i>Project Title: It's sweet to be a Parakeet</i>	Superior	
Ms Nimisha R Swali Grade: 07 Individual 3380 Woodside Dr, Fairfield OH 45014 <i>Project Title: Water water everywhere, with desalination a lot to drink</i>	Excellent	072 HM

SCHOOL: Hopewell JS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Ian A Blomquist Grade: 07 Individual 7595 Kirkwood Dr, West Chester OH 45069-1499 <i>Project Title: Power of light</i>	Superior	
Mr Mike Esekwen Grade: 07 Team 6809 Autumn Glen Dr, West Chester OH 45069 <i>Project Title: Shapes and chutes</i>	Excellent	162 1st
Ms Ellen M Fleetwood Grade: 07 Individual 7635 Kirkwood Dr, West Chester OH 45069 <i>Project Title: Sea monkeyin' around</i>	Excellent	030 HM
Mr Austin L Gould Grade: 07 Team 7373 Chinook Dr, West Chester OH 45069 <i>Project Title: Shapes and chutes</i>	Excellent	162 1st

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County Butler

SCHOOL: Monroe JS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Eric M Stone **Grade: 07** **Individual** Superior

315 Bridle Pass Way, Monroe OH 45050

Project Title: Staph beware! Studying the most effective way to clean your hands

SCHOOL: Mother Teresa Catholic

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr John T Barnes **Grade: 07** **Individual** Superior

6254 Windham Ct, Liberty Twnshp OH 45044

Project Title: How water pollution differs in area waters

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County Champaign

SCHOOL: Mechanicsburg HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Olivia V Adams **Grade: 08** **Individual** Good

1781 Talbott Rd, Mechanicsburg OH 43044

Project Title: Can people taste the difference between organic and inorganic foods?

Mr Ian-Taylor L Ainsworth **Grade: 07** Good

Individual

163 E Sandusky St, Mechanicsburg OH 43044

Project Title: Acid rain

Mr Logan R Eades **Grade: 08** **Individual** Superior

6134 SR 187, Mechanicsburg OH 43044

Project Title: Which crop prevents the most erosion?

Mr John C Horne **Grade: 08** **Individual** Excellent

8470 SR 56, Mechanicsburg OH 43044

Project Title: How does water temperature affect a saxophone reed?

Mr Benjamin M Pifher **Grade: 08** **Individual** Superior 067 1st 154 1st

6749 SR 187, Mechanicsburg OH 43044

Project Title: Why winglets?

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County Clark

SCHOOL: Catholic Central JS/HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Audrey K Bonn Grade: 07 Individual 2335 Shawnee Blvd, Springfield OH 45504 <i>Project Title: Donate a trait</i>	Excellent	

SCHOOL: North HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Rohit K Nezhad Grade: 10 Individual 2775 Kilkenny Dr, Springfield OH 45503 <i>Project Title: Which brand of cola affects teeth the most?</i>	Excellent	
Mr Krishna D Vellanki Grade: 12 Individual 2735 Kilkenny Dr, Springfield OH 45503 <i>Project Title: The effect of urbanization on water quality in Buck Creek (Springfield OH)</i>	Excellent	080 HM

SCHOOL: Ridgewood School

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Manisha K Nezhad Grade: 08 Individual 2775 Kilkenny Dr, Springfield OH 45503 <i>Project Title: Which beverage affects tooth enamel the most?</i>	Excellent	
Ms Priyanka P Sekhar Grade: 07 Individual 4191 Autumn Creek Dr, Springfield OH 45504 <i>Project Title: At what angle is a solar panel most efficient in Springfield Ohio?</i>	Superior	080 2nd 183 3rd 154 1st

SCHOOL: Roosevelt MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Samuel S Thompson Grade: 07 1141 Woodhaven Ct, Springfield OH 45503 <i>Project Title: Which sense stimulates more fear in the human being: sight or sound?</i>	Excellent	

SCHOOL: Shawnee HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Taylor R Stewart Grade: 10 Individual 1358 Buck Creek Ln, Springfield OH 45502 <i>Project Title: Wastewater treatment systems and dissolved oxygen</i>	Excellent	

SCHOOL: South HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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County Clark

Ms Kanessa P Hall Grade: 12 Individual Excellent

363 Buxton Ave, Springfield OH 45505

Project Title: How will acidic solutions affect the pH and formation of sugar crystals?

Ms Carly V Martin Grade: 12 Individual Excellent

1730 Sunset Ave, Springfield OH 45505

Project Title: Does the fluoridation of water have a long term effect on short term memory?

Ms Tiffany N Ray Grade: 12 Individual Superior

1045 Lafayette Ave, Springfield OH 45505

Project Title: Which milk has the most protein present?

Ms Whitney D Reshonsky Grade: 12 Individual Superior

1430 Selma Rd, Springfield OH 45505

Project Title: Phytoremediation: Which stage of development of sunflowers will extract the greatest amount of copper?

Ms Jazmyne D Scott-Jones Grade: 12 Individual Excellent

413 Vine St, Springfield OH 45505

Project Title: Cinnamon and peppermint flavoring

SCHOOL: South Vienna MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Elisabeth A Ludvigsen Grade: 08 Individual Excellent

PO Box 154, Catawba OH 43010-0154

Project Title: Effects of citrus on pH on metal

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County Clermont

SCHOOL: St Andrew/St Elizabeth A Seton

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Grayson P Dennis Grade: 08 Individual Excellent
 840 Old Mill Dr, Loveland OH 45140
Project Title: Subatomic particles - seeing the unseen

Ms Haley E Johnson Grade: 07 Individual Excellent 148 2nd
 5535 Scarlet Maple Ct, Milford OH 45150
Project Title: The effects of age and gender on taste

Mr Riley D Johnstone Grade: 07 Individual Excellent
 6326 Macon Ct, Loveland OH 45140
Project Title: Driving and cell phones

Ms Madeline G Lindner Grade: 07 Excellent
 938 Hidden Ridge Dr, Milford OH 45150
Project Title: The effectiveness of honey minimizing the growth of mold

Ms Autumn Grace Peterson Grade: 07 Individual Superior 061 1st 154 1st
 223 W Stoneridge Dr, Milford OH 45150
Project Title: Which type of floor joist will support a load longer while under fire; solid wood joist or an I-joist?

SCHOOL: St Columban

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Matthew J Abele Grade: 07 Individual Excellent
 1848 Lemontree Ln, Loveland OH 45140
Project Title: Light cents

Mr Matthew G Bauke Grade: 08 Team Excellent 162 1st
 157 Bares Run Dr, Loveland OH 45140
Project Title: Glider flight test

Ms Bridget E Clancy Grade: 08 Individual Superior
 873 Miami Ridge Dr, Loveland OH 45140
Project Title: B. cereus

Ms Mary L Conroy Grade: 07 Individual Excellent
 12176 Waters Edge Ct, Loveland OH 45140
Project Title: Which season? Which motor oil?

Ms Madeline C Delgado Grade: 08 Superior
 6850 Oakland Rd, Loveland OH 45140
Project Title: Oral bacteria in cats and dogs

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County Clermont

Ms Courtney L Fasola	Grade: 07 Individual	Superior		
1409 Blackstone Pl, Loveland OH 45140				
<i>Project Title: Forever fresh?</i>				
Ms Elissa M How	Grade: 07 Team	Excellent		
6742 Little River Ln, Loveland OH 45140				
<i>Project Title: Is acid rain killing North America's aquatic life?</i>				
Ms Emily A How	Grade: 07 Team	Excellent		
6742 Little River Ln, Loveland OH 45140				
<i>Project Title: Is acid rain killing North America's aquatic life?</i>				
Mr Ryan T Judd	Grade: 07 Individual	Excellent		
1519 Woodstrail Ln, Loveland OH 45140				
<i>Project Title: Aging apples</i>				
Mr Michael P Madden	Grade: 08 Individual	Superior	145 1st	154 1st
10825 Oak Valley Ct, Loveland OH 45140				
<i>Project Title: Oregano oil the bacterial neutralizer</i>				
Ms Katrina A Maricocchi	Grade: 08	Excellent	032 3rd	
1408 Blackstone Pl, Loveland OH 45140				
<i>Project Title: Which material most effectively prevents evaporation?</i>				
Ms Maria T Mattei	Grade: 08 Individual	Excellent		
11328 Donwiddle Dr, Loveland OH 45140-9369				
<i>Project Title: Sink or float?</i>				
Mr Braden Miller	Grade: 08 Team	Excellent	162 1st	
6579 Oasis Dr, Loveland OH 45140				
<i>Project Title: Glider flight test</i>				
Mr Andrew X Nguyen	Grade: 08 Individual	Superior		
154 Shoemaker Dr, Loveland OH 45140				
<i>Project Title: The breaking point</i>				
Mr Max D Olberding	Grade: 07 Individual	Superior		
1430 Miami Lake Dr, Loveland OH 45140				
<i>Project Title: Would you drink from that?</i>				
Ms Annelise C Page	Grade: 08 Individual	Excellent		
12007 Antietam Dr, Loveland OH 45140				
<i>Project Title: Mom or dad? Who has more scents? Which parent can identify their child by scent?</i>				
Mr Sean T Redmond	Grade: 08 Individual	Superior	139 3rd	154 1st
119 Pheasant Lake Dr, Loveland OH 45140				
<i>Project Title: Fuel cells: Energy vs. efficiency</i>				

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Mr Christian M Rosnell Grade: 08 Individual Excellent
 8513 Kelso Dr, Maineville OH 45039
Project Title: Rates of combustion of different types of wood

Mr Michael L Schott Grade: 08 Individual Excellent
 824 Almahurst Ln, Loveland OH 45140
Project Title: Insulation situation

Mr Joseph K Wells Grade: 07 Individual Superior
 6252 Hunterwood Ln, Loveland OH 45140
Project Title: Turn that turbine

SCHOOL: St Louis ES

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Eaisa N David Grade: 07 Individual 112 Hammerstone Way, Mt Orab OH 45154 <i>Project Title: The effect of design for semi-trucks and trailers on drag reduction and tailgate pressure improvement</i>	Superior	105 1st 154 1st

Ms Maggie E Luther Grade: 07 Individual Superior
 3516 Island Trial Dr, Williamsburg OH 45176
Project Title: Yeast fermentation

SCHOOL: St Thomas More

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Leah K Bartel Grade: 07 Team 1217 Harthill, Amelia OH 45102 <i>Project Title: Do you see what I see? The perception of illusions</i>	Good	
Ms Danielle K Schaefer Grade: 07 Team 1009 Vixen Dr, Cincinnati OH 45245 <i>Project Title: Do you see what I see? The perception of illusions</i>	Good	
Mr Daniel J Schoettelkotte Grade: 08 Individual 5394 Brushy Fork Rd, Batavia OH 45103 <i>Project Title: Passive solar heaters: whether a reflective or conductive lining increases heat production in a passive solar</i>	Superior	105 3rd 154 1st

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County Clinton

SCHOOL: Rodger O Borrer MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Ms Molly M Dixon Grade: 07 Individual 193 Mitchell Rd, Wilmington OH 45177 <i>Project Title: Do people really judge a book by its cover?</i>	Excellent	
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Mr Christopher R Dooley Grade: 07 404 Todds Ridge Rd, Wilmington OH 45177 <i>Project Title: Do changes in arm length or counterweight mass affect the performance of a trebuchet?</i>	Superior	
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Ms Amy J Faison Grade: 07 Individual 3828 E Beal Rd, Jamestown OH 45335 <i>Project Title: Popcorn mania</i>	Excellent	
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Ms Bridget K Garnai Grade: 07 Individual 3050 US 68 N, Wilmington OH 45177 <i>Project Title: Give me a break - A commercial break</i>	Superior	
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Ms Laura A Miller Grade: 08 Individual 105 Sycamore Glen Dr, Wilmington OH 45177 <i>Project Title: Household bacteria</i>	Superior	
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Mr Zachary K Wantz Grade: 08 Individual 1700 Hiney Rd, Wilmington OH 45177 <i>Project Title: Blood sugar levels and carbohydrate intake in the diabetic</i>	Excellent	
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County Columbiana

SCHOOL: St Aloysius

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Britany N Riddle **Grade: 07** **Individual** Excellent

1011 Grant St, Newell WV 26050

Project Title: Which antacid will neutralize stomach pH the most?

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County Coshocton

SCHOOL: Coshocton HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Campbell B Miller **Grade: 10** **Individual** Superior

1500 Kenilworth Ave, Coshocton OH 43812

Project Title: The determination of the value of k and its use in predicting temperature in Newton's law of cooling

Ms Kitrina N Neiger **Grade: 11** **Team** Excellent

2045 Buena Vista Dr, Coshocton OH 43812

Project Title: Can people tell the difference between diet and regular pop?

Ms Kaitlin E Ruby **Grade: 12** **Individual** Superior 053 1st 061 2nd

1601 Nicholear Ave, Coshocton OH 43812

Project Title: The strength of air, how does the percentage of air voids affect the strength of concrete?

Ms Nikki B Vanaman **Grade: 11** **Team** Excellent

850 Sheridan Rd, Coshocton OH 43812

Project Title: Can people tell the difference between diet and regular pop?

SCHOOL: Ridgewood HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Hunter A Belt **Grade: 08** **Individual** Excellent

54470 Hickory Flat Dr, West Lafayette OH 43845

Project Title: How does H2O affect turkey calls?

Mr Daniel J Burch **Grade: 08** **Individual** Excellent

54220 TR 90, Fresno OH 43824

Project Title: Open flame and cloth

Ms Celia M Gress **Grade: 08** **Individual** Excellent

51468 Twp Rd 178, Fresno OH 43824

Project Title: Fracture

Ms Jayma M Leavengood **Grade: 10** Superior 142 SCH
Individual

57552 CR 9, W Lafayette OH 43845

Project Title: Acid runoff water contamination vs. root initiation

Mr Trent H Lingo **Grade: 08** **Individual** Excellent

52965 Hal-Kar Rd, West Lafayette OH 43845

Project Title: What food works the best to trap mice?

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Ms Cheyenne K Vanfossen Grade: 08 Individual Excellent

22035 SR 751, W Lafayette OH 43845
Project Title: Which glue "wood" you use?

SCHOOL: River View MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Henry W Coutts Grade: 07 Individual Excellent

46144 Twp Rd 1163, Conesville OH 43811-9708
Project Title: Earthquake resistant buildings

Ms Kaila J Jacobs Grade: 07 Individual Excellent

29968 SR 643, Fresno OH 43824
Project Title: Fighting the stain: Which laundry detergent removes common household stains most effectively?

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County Crawford

SCHOOL: St Joseph

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Kayla N Duryea **Grade: 07** **Individual** Superior

8128 CR 20, Mansfield OH 44904

Project Title: Sound and vocal chords

Ms Madeline L Novack **Grade: 08** **Individual** Superior

968 Iberia Rd, Galion OH 44833

Project Title: Color blindness screening in an elementary school: gender based differences

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County Cuyahoga

SCHOOL: Beaumont School

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Georgette C Baliga Grade: 10 Individual 11375 Bean Rd, Chardon OH 44024 <i>Project Title: The prevention and treatment of tinea</i>	Superior	146 4th
Ms Rumneek K Bedi Grade: 11 Individual 470 Leverett Ln, Highland Heights OH 44143 <i>Project Title: The effectiveness of flu vaccines on the H3N2 virus in the northern and southern hemispheres over various time periods</i>	Good	201 1st
Ms Mollie C Brick Grade: 10 Individual 2517 Wellington Rd, Cleveland Height OH 44118 <i>Project Title: Dazzling duckweed! A study of bioremediation of fertilizer runoff</i>	Superior	086 2nd
Ms Monika A Cepulis Grade: 10 Individual 11425 Foxhaven Dr, Chesterland OH 44026 <i>Project Title: I suspect that spectra is the best</i>	Superior	059 2nd
Ms Kristina V Collins Grade: 10 Individual 2244 Maplewood Rd, Cleveland Height OH 44118 <i>Project Title: Design of experiments applied to paper airplanes</i>	Superior	
Ms Aiste S Degesys Grade: 11 Individual 7960 Gates Mills Estates Dr, Gates Mills OH 44040 <i>Project Title: Why Sleeping Beauty doesn't snore: Measuring airway volume in orthognathic, prognathic and retrognathic</i>	Excellent	023 1st 148 2nd
Ms Katrina T Feldkamp Grade: 10 Individual 150 East 219 St, Euclid OH 44123 <i>Project Title: Apple browning: a study of the effects of various liquids on fruit oxidation</i>	Excellent	204 1st
Ms Michelle M Graf Grade: 09 Individual 387 Medway Rd, Highland Heights OH 44143-3735 <i>Project Title: Is your spit fit to chew? Effects of circadian rhythms and exercise on salivary amylase levels</i>	Excellent	
Ms Catherine S Haag Grade: 10 Individual 2319 Lalemant Rd, University Heights OH 44118 <i>Project Title: Watered down: A comparison of the prevalence of fecal bacteria at two sites on Euclid Creek</i>	Good	072 HM
Ms Suzanne M Maloney Grade: 12 5975 Buckboard Ln, Solon OH 44139 <i>Project Title: The effect of thermal pretreatments on the drought resistance of bean seeds</i>	Excellent	
Ms Christiane Mhanna Grade: 11 Individual 5327 Sebastion Ct, Highland Hts OH 44143 <i>Project Title: Is obesity (BMI or percentage of body fat) associated with high blood pressure?</i>	Superior	

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County Cuyahoga

- Ms Andrea S Mitchell** **Grade: 10 Individual** Excellent 085 1st
 4163 Cedarwood Ct, Independence OH 44131
Project Title: A study in scarlet: Effects of different variables upon liquid spatter patterns
- Ms Meredith E Muir** **Grade: 11 Individual** Superior 038 1st
 8402 Edge Lake Oval, Sagamore Hills OH 44067
Project Title: Hickory dickory dock! The mouse runs up the phylum Firmicutes!
- Ms Sara E Trickett** **Grade: 09 Individual** Excellent
 74 E 197th St, Euclid OH 44119
Project Title: Interactive learning vs. traditional learning
- Ms James A Vondenberg** **Grade: 10** Superior 046 1st 142 SCH
 3347 Clarendon Rd, Cleveland Height OH 44118
Project Title: Bacteria and the effect of multi purpose contact solution. Are your eyes safe?
- Ms Molly K Wiberg** **Grade: 10 Individual** Excellent
 9090 Lake in the Woods Trail, Chagrin Falls OH 44023
Project Title: A breath of fresh air: A swimmer's dream

SCHOOL: Hathaway Brown

- | Student's Name, Address, and Type of Project | OAS AWARD | Sponsored Awards (if any) |
|---|------------------|----------------------------------|
| Ms Lena J Ransohoff Grade: 07 Individual
19850 Marchmont Rd, Shaker Heights OH 44122
<i>Project Title: Chromatography analysis of changing chlorophyll levels of Aesculus hippocastanum</i> | Superior | 036 1st 154 1st |
| Ms Samantha R Reeves Grade: 08
7070 Cascade Rd, Concord OH 44077
<i>Project Title: Plant growth: The study of hydroponics vs. aeroponics</i> | Superior | |
| Ms Mimi C Toohey Grade: 08 Individual
25 Pepper Creek Dr, Pepper Pike OH 44124
<i>Project Title: Pollution filtration with sodium polyacrylate</i> | Excellent | |

SCHOOL: Incarnate Word Academy

- | Student's Name, Address, and Type of Project | OAS AWARD | Sponsored Awards (if any) |
|---|------------------|----------------------------------|
| Mr John C Boykin Grade: 08 Individual
3383 Faulkner Dr, Brunswick OH 44212
<i>Project Title: Plastics vs. rubbers - Which is more resistant to environmental and chemical conditions?</i> | Superior | 058 1st 154 1st |
| Mr Sean P Bush Grade: 07 Individual
18301 Oliver Dr, Strongsville OH 44149
<i>Project Title: I wouldn't touch that if I were you (Where do you find household bacteria?)</i> | Superior | 087 2nd 154 1st |

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County Cuyahoga

Mr Samuel J Grant Grade: 08 Individual Excellent
 10657 Stonehinge Cir, N Royalton OH 44133
Project Title: Do Vitamin C levels vary by packaging for orange, lemon & lime juices?

Mr Michael A Jindra Grade: 08 Individual Excellent
 5306 Sassafras Dr, Parma OH 44129
Project Title: Gatorade vs. vitamin water during physical activity

Ms Kristina M Radin Grade: 07 Individual Superior 034 2nd 158 2nd 032 1st 154 1st
 1107 River Woods Dr, Hinckley OH 44233
Project Title: Creatine...creating muscles? A comprehensive study on the effects of creatine on mealworms' health including weight gain, life cycle advancements and mortality rate

Ms Cara S Smith Grade: 07 Individual Superior 070 HM 136 HM 154 1st
 5993 Edgebrook Blvd, Parma Hts OH 44130
Project Title: Weather forecasting: Meteorologist vs. teenager

Mr Francis H Truong Grade: 08 Individual Superior
 20502 Colleen Ct, Strongsville OH 44149
Project Title: SOS - Sound of strings

Mr Jeffrey C Ungvarsky Grade: 08 Excellent
 8298 Thackeray Ct, Broadview Heights OH 44147
Project Title: Strings got bad vibes? Stop fiddlin around..get to the core

SCHOOL: Padua Franciscan

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Jonathan R Ungvarsky Grade: 11 Individual 8298 Thackeray Ct, Broadview Hts OH 44147 <i>Project Title: Trick or treat or toxic treat? Does foreign candy contain lead?</i>	Superior	105 2SCH 175 1st

SCHOOL: Solon HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Sarat Tallamraju Grade: 10 Individual 33202 Brackenbury Dr, Solon OH 44139 <i>Project Title: Can pond scum be the future of alternative energy? Extracting oil from algae: a study of variables affecting biofuel production</i>	Superior	036 1st 041 1st 134 1st

SCHOOL: Solon MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Samantha H Basch Grade: 08 Individual 35870 S Huntington Dr, Solon OH 44139 <i>Project Title: Ears vs. eyes, guys vs. girls: Visual vs. auditory memories of males and females</i>	Superior	

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County Cuyahoga

Mr Raghav Bhargava	Grade: 08 Individual	Excellent		
7515 Capilano Dr, Solon OH 44139				
<i>Project Title: Effect of ultraviolet on yeast fermentation of different fruit juices</i>				
Mr Michael Y Chen	Grade: 08 Individual	Superior		
7340 Hillside Ln, Solon OH 44139				
<i>Project Title: Lights out! The effect of light sources on glow in the dark paint</i>				
Ms Erin M Finnerty	Grade: 08 Individual	Excellent		
7429 Scioto Ct, Solon OH 44139				
<i>Project Title: Kool-aid chromatography</i>				
Ms Lisa N Guo	Grade: 08 Individual	Superior	067 2nd	154 1st
7362 Stockwood Dr, Solon OH 44139				
<i>Project Title: How the magnetic field strength affects the speed of a motor</i>				
Mr Max Haiss	Grade: 08 Individual	Superior		
6648 Chagrin River Rd, Solon OH 44022				
<i>Project Title: How does water flow affect turbidity?</i>				
Ms Vibhuti Krishna	Grade: 08 Individual	Superior	145 2nd	148 2nd 154 1st
37980 McDowell Dr, Solon OH 44139				
<i>Project Title: Eye am aware. A study on microorganisms in eyewash stations</i>				
Mr Michael B Li	Grade: 08 Individual	Superior	189 1st	154 1st
31800 Farm Dr, Solon OH 44139				
<i>Project Title: The human perception of different musical modes</i>				
Ms Tiffany H Li	Grade: 08 Individual	Excellent		
7150 Longview Dr, Solon OH 44139				
<i>Project Title: Solar power</i>				
Mr Yuxi Liu	Grade: 08 Individual	Superior		
7290 Winchester Dr, Solon OH 44139				
<i>Project Title: Life's smallest wonder: how does UV irradiation affect it?</i>				
Mr Andrew B Mikofalvy	Grade: 08 Individual	Superior		
6665 Winston Ln, Solon OH 44139				
<i>Project Title: Lifter technology</i>				
Mr Jacob M Oet	Grade: 08 Individual	Superior	136 HM	032 2nd 154 1st
6738 Forest Glen Ave, Solon OH 44139				
<i>Project Title: The effect of sound on convergent ladybug beetles (Hippodamia convergens) and pomace flies (Drosophila</i>				
Mr Wei Qu	Grade: 08 Individual	Excellent		
7536 Royal Portrush Dr, Solon OH 44139				
<i>Project Title: Effects of caffeine, alcohol, and antioxidants on the chemotherapeutic efficacy of Gleevec</i>				

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County Cuyahoga

Ms Sarah A Richards Grade: 08 Individual Excellent
 30300 Wedgewood Dr, Solon OH 44139
Project Title: Effects of music on heart rate

Mr John Zeng Grade: 08 Individual Superior 079 1st 154 1st
 36110 S Huntington Dr, Solon OH 44139
Project Title: What conditions will result in the most liquefaction?

Mr Roger Zou Grade: 08 Individual Excellent
 32875 Ledge Hill Dr, Solon OH 44139
Project Title: Effects of alcohol on the survival of cancer cells

SCHOOL: St Albert The Great

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Robert T Brown Grade: 08 Individual Superior
 8601 Oakwood Ln, N Royalton OH 44133
Project Title: Field of GOALden performance

Mr Wesley M Watkins Grade: 08 Individual Excellent
 9001 Timberlane Trl, North Royalton OH 44133
Project Title: You look radishing!

SCHOOL: St Dominic

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Molly C Clark Grade: 07 Individual Excellent
 10 Hunting Hollow Dr, Pepper Pike OH 44124
Project Title: Plants: Symmetry, inside and out

Mr Nathan R Coyne Grade: 07 Individual Excellent 139 3rd
 4156 Carroll Blvd, University Heights OH 44118-4529
Project Title: What gasoline is most efficient in a lawn mower engine?

Mr Ian W McDonald Grade: 07 Individual Superior
 3280 Ingleside Rd, Shaker Heights OH 44122
Project Title: The effect of acid rain on pond organisms

SCHOOL: St Ignatius

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Shrey P Shah Grade: 11 Individual Superior 058 1st 106 1SCH 195 3rd
 3794 Willow Run, Westlake OH 44145
Project Title: Rare earth fibrous oxides as selective emitters in thermophotovoltaic applications

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County Cuyahoga

SCHOOL: St Paschal Baylon

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Ellen M Kuerbitz **Grade: 08** **Individual** Superior

5853 Williamsburg Dr, Highland Heights OH 44143

Project Title: Breeding badder bugs: Can bacteria acquire resistance to alcohol based hand sanitizers?

SCHOOL: St Raphael

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Josie A Miller **Grade: 07** **Individual** Superior

418 Hurst Dr, Bay Village OH 44140

Project Title: It's tall, it's green, it's mineral grass!

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County Defiance

SCHOOL: Hicksville HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Mr Joe R Adams Grade: 10 Individual 11215 State Line Rd, Hicksville OH 43526 <i>Project Title: Recording rain rapidly</i>	Superior	070 HM
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Ms Danielle N Caryer Grade: 10 Individual 116 S Main St, Hicksville OH 43526 <i>Project Title: Digital photography</i>	Excellent	
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Ms Halie J Gonwick Grade: 11 Individual 125 W Cornelia St, Hicksville OH 43526 <i>Project Title: Sign language: Is it in you?</i>	Excellent	002 SCH 198 SCH
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Mr Clark R Schlatter Grade: 10 Individual 11234 St Rte 49, Hicksville OH 43526 <i>Project Title: Superlines vs. monofilament</i>	Superior	
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Ms Krystal A Smazenko Grade: 11 651 W High St Lot 75, Hicksville OH 43526 <i>Project Title: Factory farms vs. family farms: Which one has the greatest impact on the environment?</i>	Excellent	080 HM
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Ms Alyssa M Vetter Grade: 11 Individual 1623 SR 18, Hicksville OH 43526 <i>Project Title: Music's effect on grades</i>	Excellent	
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SCHOOL: Tinora HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Mr Matthew J Hire Grade: 09 Individual 603 Gibson St, Defiance OH 43512 <i>Project Title: How does the shape of a parachute affect its rate of fall?</i>	Excellent	
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Ms Kari A Kahle Grade: 09 Individual 04615 Adams Ridge Rd, Defiance OH 43512 <i>Project Title: Does the sense of smell affect the sense of taste?</i>	Excellent	
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Mr Clay L Norden Grade: 11 Individual 30413 Gerken Rd, Defiance OH 43512 <i>Project Title: Does light affect a Chukar's laying rate?</i>	Superior	
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Ms Anna C Steffel Grade: 09 Individual 29387 Flory Rd, Defiance OH 43512 <i>Project Title: What type of animal bedding has the highest absorbency rate?</i>	Superior	
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County Defiance

Ms Emilie A Watson Grade: **09** Individual Superior
09177 Adams Ridge Rd, Defiance OH 43512
Project Title: Are horses able to retain learned behaviors over time?

SCHOOL: Tinora JS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Jan J Pietrykowski Grade: **08** Individual Excellent
08864 Defiance Henry County Line Rd, Defiance OH 43512
Project Title: Does the size of the grains of sand affect their angle of rest?

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County Delaware

SCHOOL: Big Walnut HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr John A Clark Grade: 11 Individual 2830 SR 605, Galena OH 43021 <i>Project Title: Ferrofluid and field strength</i>	Superior	
Mr Jacob N Collard Grade: 09 Individual 6632 Blue Church Rd, Sunbury OH 43074 <i>Project Title: Visual differentiation within visemes and manners of articulation</i>	Superior	
Ms Betsy A Dible Grade: 11 Individual 3835 Carter's Corner Rd, Sunbury OH 43074 <i>Project Title: How do higher concentrations of gibberellic acid affect seed germination and plant growth?</i>	Superior	
Mr J. Daniel D Pike Grade: 09 Individual 7263 Marrissey Loop, Galena OH 43021 <i>Project Title: Bottled vs. tap: Safety or convenience</i>	Excellent	
Ms Darcy M Predieri Grade: 10 Individual 5677 SR 656, Sunbury OH 43074 <i>Project Title: The effectiveness of mouth rinses on dogs</i>	Excellent	050 HM
Mr Evan S Yarrington Grade: 09 Individual 13321 Fancher Rd, Westerville OH 43082 <i>Project Title: Windmill blade efficiency</i>	Superior	
Mr Alfred D Yates Grade: 11 Individual 10333 Hoover Woods Rd, Galena OH 43021 <i>Project Title: Have steroids really ruined baseball?</i>	Excellent	
Ms Rachel A Yoho Grade: 12 Individual 1230 S Galena Rd, Galena OH 43021 <i>Project Title: The feasibility of Sus domesticus manure in a novel microbial fuel cell design for voltage production and bacterial load reduction</i>	Superior	041 HM 080 2nd 033 2SCH

SCHOOL: Big Walnut MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Sophia L Calcara Grade: 08 Team 1370 S Galena Rd, Galena OH 43021 <i>Project Title: Functional floodwalls</i>	Superior	
Ms Rachel N Darling Grade: 08 Team 331 Leestone Ct, Sunbury OH 43074 <i>Project Title: Functional floodwalls</i>	Superior	

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County Delaware

SCHOOL: Buckeye Valley Local HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Ellen J McDevitt-Stredney Grade: 09 Individual	Superior	030 3rd

8451 Kilbourne Rd, Sunbury OH 43074

Project Title: Salty Solutions: a study of salinity levels and mortality rate of Paramecium caudatum

SCHOOL: Buckeye Valley Local MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr John W Crecelius Grade: 07 Individual	Superior	

3563 Byers Rd, Delaware OH 43015

Project Title: How cold is your lunch?

Mr Lane E Kleilein Grade: 07 Individual	Excellent	
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5561 Howard Rd, Delaware OH 43015

Project Title: Caffeine; does it raise human blood pressure?

SCHOOL: Genoa Christian Academy

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Mark D Wright Grade: 08 Individual	Superior	028 1st 046 2nd 154 1st

8517 Fallgold Ct, Westerville OH 43082

Project Title: Eyeballs and basketballs: Does depth perception improve free throw shooting percentage?

SCHOOL: John C Dempsey MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Casie M Bailey Grade: 08 Individual	Excellent	070 HM

333 E Central Ave, Delaware OH 43015

Project Title: No two are alike

Mr Alexander W Carpenter Grade: 08 Individual	Superior	
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932 Executive Blvd, Delaware OH 43015

Project Title: How temperature and solar angle affect P.V. cell efficiency

Ms Elizabeth A Jackson Grade: 07	Excellent	
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111 Griswold St, Delaware OH 43015

Project Title: The effect of tennis ball elasticity on different surfaces

Mr Noah R McDonald Grade: 08 Individual	Superior	
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8738 Fontanelle Rd, Ostrander OH 43061

Project Title: Survival of the fittest: Molitor vs. Obscurus

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County Delaware

Ms Nicole L Nelson Grade: 07 Individual	Superior	105 2nd 154 1st
263 Thornapple Ct, Delaware OH 43015 <i>Project Title: A study of textiles and shrinkage</i>		
Ms Becky A Schmitthenner Grade: 08 Individual	Superior	134 HM 158 3rd 154 1st
70 W Lincoln Ave, Delaware OH 43015 <i>Project Title: How temperature affects reaction rates</i>		
Ms QianPei Wang Grade: 08 Individual	Superior	072 1st 154 1st
263 Dogwood Dr, Delaware OH 43015 <i>Project Title: Effects of salinity on heat retention and water distillation</i>		

SCHOOL: Learning Unlimited Village

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Shambavi Sadayappan Grade: 10 Individual	Superior	190 2nd
4109 Stoneroot Dr, Hilliard OH 43026-3023 <i>Project Title: Are chimpanzees closest to humans in all aspects? A comparative genomic study</i>		
Ms Sheela K Vaswani Grade: 07 Individual	Excellent	
10211 Windsor Way, Powell OH 43065 <i>Project Title: How does alcohol affect a plant's growth?</i>		
Mr Michael G Wientjes Grade: 07 Individual	Superior	
2287 Palmleaf Ct, Columbus OH 43235 <i>Project Title: Does using different liposome carriers affect delivery of siRNA?</i>		

SCHOOL: Olentangy Liberty MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Nicholas A Fahrenkrog Grade: 07 Individual	Superior	
2430 Dauer Ct, Powell OH 43065 <i>Project Title: Color absorption: primary vs. secondary</i>		
Ms Amy E Stanfill Grade: 08 Individual	Superior	
2688 Mallards Landing, Powell OH 43065 <i>Project Title: How does candle shape affect wax consumption?</i>		

SCHOOL: Olentangy Shanahan MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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County Delaware

Ms Courtney K Kerin Grade: 07 Team Excellent 133 2nd

1245 Dunham Rd, Delaware OH 43015

Project Title: Snack time: does a goat's snack preference vary based on age, breed or pregnancy?

Ms McKinley A Roll Grade: 07 Team Excellent 133 2nd

2791 Gregory Rd, Delaware OH 43015

Project Title: Snack time: does a goat's snack preference vary based on age, breed or pregnancy?

SCHOOL: St Mary

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Rachael E Bayes Grade: 07 Individual Excellent

249 Kensington Dr, Delaware OH 43015

Project Title: Does aromatherapy affect a horse's performance?

Mr Justin C Clifford Grade: 07 Individual Excellent

2580 N 3B's & K Rd, Delaware OH 43015

Project Title: Does personal plastic water bottles harbor bacteria growth after opening and partial usage?

Ms Mary L Murray Grade: 07 Individual Excellent

6779 Concord Rd, Delaware OH 43015

Project Title: How does the pH level of the water affect plant growth?

Ms Elise M Sheppard Grade: 07 Individual Excellent

133 Bricknell Way, Delaware OH 43015

Project Title: Do uniforms affect children's school performance?

Ms Hannah N Tucky Grade: 07 Individual Superior

485 Rt 42 N, Delaware OH 43015

Project Title: Does access to food affect how near horses eat to poisonous plants?

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County Fairfield

SCHOOL: Bloom Carroll HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Christin D Anson **Grade: 11** **Individual** Excellent
 7912 Bowling Green Ln, Lancaster OH 43130
Project Title: The effect of different variables on certain varieties of apples

Ms Caitlyn A Black **Grade: 09** **Individual** Superior
 11619 Marcy Rd, Canal Winchester OH 43110
Project Title: Vitamin..orange? Testing the Vitamin C content in various orange juices and calculating if it decreases over

Ms Mariah B Black **Grade: 11** **Individual** Excellent
 11619 Marcy Rd, Canal Winchester OH 43110
Project Title: Got bacteria? Testing the amount of bacteria present in organic and conventional milk

Ms Kaitlyn E Burnside **Grade: 09** **Individual** Excellent
 815 Rockmill Rd, Lancaster OH 43130
Project Title: Bacteria in ice from restaurant ice machines

Mr Trent R Fagrell **Grade: 11** **Individual** Excellent
 1921 Carroll Southern Rd, Carroll OH 43112
Project Title: Traditional vs. alternative aircraft de-icing methods

Ms Emily K Fisher **Grade: 11** **Individual** Excellent 086 3rd 087 3rd
 4109 Ravine Dr, Canal Winchester OH 43110
Project Title: The effect of legume plants on nitrogen polluted water

Ms Aubry L Fowler **Grade: 11** **Individual** Superior
 8598 W Bowling Green Ln, Lancaster OH 43130
Project Title: The effects of light on planaria regeneration

Mr Nicholas W Grieshop **Grade: 09** Excellent
 PO Box 396, 240 Penny Dr, Lithopolis OH 43136
Project Title: What makes concrete more impact resistant

Mr Benjamin J Hedges **Grade: 09** **Individual** Excellent 148 2nd
 4330 Carroll Eastern Rd, Carroll OH 43112
Project Title: Do clinician credentials impact consumer outcome in a community mental health center

Mr Brian Zachary Hedges **Grade: 12** Superior 028 1st 146 1st
Individual
 4330 Carroll Eastern Rd, Carroll OH 43112
Project Title: Predicting substance abuse in adolescents

Mr Noah W Kurucz **Grade: 11** **Team** Excellent 133 1st
 1662 W Glennhurst Dr NW, Lancaster OH 43130
Project Title: Inkblots: Cool or lame, do students think the same?

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County Fairfield

Ms Nicole M Lambert	Grade: 09 Individual	Excellent	
4278 Sheets Rd, Lancaster OH 43130			
<i>Project Title: Can you water your plants with grey water?</i>			
Ms Kassandra E Lowery	Grade: 11	Excellent	
3178 Cedar Hill Rd, Canal Winchester OH 43110			
<i>Project Title: The sleepy teenager: The effects of sleep deprivation on adolescent depression</i>			
Mr James N Maynard	Grade: 12 Individual	Excellent	032 1SCH
6585 Hummel Rd, Carroll OH 43112			
<i>Project Title: Accelerating a goats growth naturally</i>			
Mr William Gerret McWhorter	Grade: 10 Individual	Excellent	
3162 Amanda Northern Rd, Carroll OH 43112			
<i>Project Title: Can water pollution be determined by the intensity of light given off by bioluminescent dinoflagellates?</i>			
Mr Ryan A Nida	Grade: 12 Individual	Superior	
2304 Ginder Rd, Lancaster OH 43130			
<i>Project Title: The ballistic and velocity capabilities of the 22-250</i>			
Mr Kyle M Petty	Grade: 11 Team	Excellent	133 1st
4105 Brook Rd NW, Lancaster OH 43130			
<i>Project Title: Inkblots: Cool or lame, do students think the same?</i>			
Mr Scott J Praither	Grade: 11 Individual	Superior	185 1st
3626 Carroll Eastern Rd, Carroll OH 43112			
<i>Project Title: An analysis of the complete combustion reactions of internal combustion engines</i>			
Mr Luke J Robison	Grade: 10 Individual	Excellent	
4003 Brook Rd NW, Lancaster OH 43130			
<i>Project Title: Does chewing gum improve memory?</i>			
Ms Alice Sleeth	Grade: 12 Individual	Excellent	028 2nd
1700 Rainbow Dr NW, Lancaster OH 43130			
<i>Project Title: Do teenagers stereotype their peers? Take two</i>			
Ms Mallory B Spence	Grade: 09 Individual	Superior	
11520 Smith Rd, Lithopolis OH 43136			
<i>Project Title: Does gender affect learning style</i>			
Mr Mason M Taylor	Grade: 10 Individual	Excellent	
1100 Heister Rd NW, Lancaster OH 43130			
<i>Project Title: An insight into the fears of teenagers and adults</i>			

SCHOOL: Bloom Carroll MS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

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Mr Clay P Adams Grade: 08 Individual Excellent
 1342 Coonpath Rd NW, Lancaster OH 43130
Project Title: Commercially produced eggs vs. farm fresh eggs

Mr Kyle R Rybicki Grade: 08 Individual Superior
 2779 Pickerington Rd, Carroll OH 43112
Project Title: Which type of light (halogen, flourescent or incandescent) will produce the most amount of energy in a solar

Mr Christian M Starr Grade: 07 Individual Excellent
 6740 Hummell Rd, Carroll OH 43112
Project Title: Shape: Affecting ice

SCHOOL: Fairfield Union HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Emily G Ferrando Grade: 10 Individual Good 169 6th
 6500 Lancaster New Lexington Rd, Lancaster OH 43130
Project Title: Are there coliform bacteria on local produce?

Ms Kathleen M Hurley Grade: 10 Individual Superior 105 3SCH 142 SCH
 3245 Dutch Ridge Rd, New Straitsville OH 43766
Project Title: Corn vs. sugar cane: The choice for ethanol production

Ms Mariah A Thrush Grade: 11 Individual Excellent 086 4th
 6675 Ireland Rd, Lancaster OH 43130
Project Title: The effect of water salniity on Daphnia mortality rates Year II

SCHOOL: Fairfield Union JS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Cherice D Peters Grade: 08 Individual Excellent
 7430 Lancaster-Thornville Rd, Pleasantville OH 43148
Project Title: Do music genres have an affect on a horses behavior?

SCHOOL: Liberty Union HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Lauren A McKay Grade: 11 Individual Excellent 143 1st
 900 Romulus St, Baltimore OH 43105
Project Title: The effect of the air intake speed and weight added on the efficiency of a hovercraft

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County Franklin

SCHOOL: Ann Simpson Davis MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Bavani W Rajah Grade: 08 Individual 7797 Kelly Dr, Dublin OH 43016 <i>Project Title: Killer rays: How much UV radiation is too much?</i>	Superior	

SCHOOL: Columbus Alternative HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Justin P Sherman Grade: 09 Individual 375 E Weisheimer Rd, Columbus OH 43214 <i>Project Title: Do magnets affect plant growth and direction</i>	Excellent	

SCHOOL: Dominion MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Clare N Janoski Grade: 07 Individual 146 Erie Rd, Columbus OH 43214 <i>Project Title: Vitamin C in orange juice</i>	Excellent	
Mr Alexander F Singer Grade: 08 Individual 42 Northmoor Pl, Columbus OH 43214 <i>Project Title: The effect of temperature on the conductivity of a salt water solution</i>	Excellent	

SCHOOL: East HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Shane M Favours Grade: 09 Individual 1433 Hildreth Ave, Columbus OH 43203 <i>Project Title: The relationship of age and memory</i>	Excellent	

SCHOOL: Henry Karrer MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Saaket M Pradhan Grade: 08 Individual 7659 Wryneck Dr, Dublin OH 43017 <i>Project Title: Marinades: It's not just about flavor</i>	Superior	041 2nd 032 1st 154 1st

SCHOOL: Holy Spirit

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Quierston A Byers Grade: 07 Individual 1435 S James Rd, Columbus OH 43227 <i>Project Title: Which detergent works best?</i>	Good	

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Mr Dominic J Pfister Grade: 07 Individual Superior
 192 S Gould Rd, Columbus OH 43209-1927
Project Title: Does lettuce grow larger hydroponically or in soil?

SCHOOL: Immaculate Conception

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Katey L Bell Grade: 07 Team Excellent
 541 Piedmont Rd, Columbus OH 43214
Project Title: The effect of bats on a softball's distance

Ms Kayla E Cook Grade: 07 Team Excellent
 7985 Anderson Park Ln, Westerville OH 43081
Project Title: The effect of bats on a softball's distance

Ms Paulina M Eberts Grade: 07 Individual Superior
 165 Erie Rd, Columbus OH 43214
Project Title: The effect of heat on baby bottles

Ms Emma C Nikolai Grade: 07 Individual Excellent
 231 W Weisheimer Rd, Columbus OH 43214
Project Title: The perfect free throw

Ms Alisa M Noll Grade: 07 Individual Superior
 791 Olde Settler Pl, Columbus OH 43214
Project Title: The effect of different dish detergents on oil slicked feathers

SCHOOL: John Sells MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Himanshu D Savardekar Grade: 08 Individual Superior 038 2nd 154 1st
 5888 Ivystone Ct, Dublin OH 43016
Project Title: Exposure to high glucose kills heart cells

SCHOOL: Northland HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Jasmine S Harris Grade: 11 Team Good
 3108 Shasta Ave, Columbus OH 43231
Project Title: Photosynthesis

Ms Angelina M Matthews Grade: 11 Team Good
 1877 Tamarack Cir S Apt B, Columbus OH 43229
Project Title: Photosynthesis

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SCHOOL: Our Lady Of Perpetual Help

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Aaronn P Adair **Grade: 07** **Individual** Excellent
 2555 Spaatz Ave, Columbus OH 43204
Project Title: Does secondhand smoke affect lung capacity?

Ms Alyssa M Baum **Grade: 07** **Individual** Excellent
 5732 Grove City Rd, Grove City OH 43123
Project Title: What system of water filtration makes water cleanest?

Ms Kathleen E Cooper **Grade: 07** **Individual** Superior
 6214 Brookmeade Cir, Grove City OH 43123
Project Title: Does exercise improve one's memory?

Mr Macon A Derleth **Grade: 07** **Individual** Superior 183 1st 154 1st
 3291 Tareyton Dr, Grove City OH 43123
Project Title: Can the warmth generated from compost heat a space?

Mr Graham S Fulks **Grade: 07** **Individual** Excellent
 350 Larkspur Dr, Galloway OH 43119
Project Title: Which mouthwash is more effective?

Mr Wallace J Huggett **Grade: 07** **Individual** Excellent
 14337 US 23, Ashville OH 43103
Project Title: What are the effects of different hydroponic solutions on oat plants?

Ms Ellen M Johnston **Grade: 07** **Individual** Excellent
 4631 Goodman St, Grove City OH 43123
Project Title: Which water is best?

Ms Devonah K Kaiser **Grade: 07** **Individual** Excellent
 PO Box 213, Mt. Sterling OH 43143-0213
Project Title: Who has the better memory-males or females?

Mr Adam R Karrasch **Grade: 07** **Individual** Excellent
 3749 Christopher Pl, Grove City OH 43123
Project Title: What is the most effective dish detergent?

Ms Alexis M Mayle **Grade: 07** **Individual** Excellent
 1313 Wild Horse Dr, Grove City OH 43123
Project Title: Can students identify fruit juices better with their sense of taste and smell?

Mr Cole A Schott **Grade: 07** **Individual** Excellent
 6733 Teal Ct, Orient OH 43146
Project Title: Do natural or chemical disinfectants reduce bacterial growth better?

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Mr Jonas A Wahl Grade: 07 Individual Excellent
3546 Natalie Dr, Grove City OH 43123
Project Title: Why winglets: Do winglets help a paper plane fly better?

SCHOOL: Rosemore MS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Devin T Patterson Grade: 07 Individual Excellent
942 Exeter Rd, Columbus OH 43213
Project Title: What type of bread grows mold the fastest in different environments

Mr Brandon P Payne Grade: 07 Individual Excellent
4620 Ludington Rd, Columbus OH 43227
Project Title: Which brand of laundry detergent removes stains the best?

SCHOOL: St Agatha

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Patrick A Bouchard Grade: 07 Individual Superior
2685 Northwest Blvd, Columbus OH 43221
Project Title: The effect of musical speed on task completion

Mr Christopher C Brake Grade: 07 Excellent
13548 Daysprings Way, Pickerington OH 43147
Project Title: The effect of age on laterality preference performance gap

Mr Juan M Cortes-Fontcuberta Grade: 07 Individual Superior
5245 Wagon Wheel Ln, Columbus OH 43230
Project Title: The effect of native and foreign language practice on tongue twister proficiency

Ms Lydia E DeVault-Arn Grade: 07 Superior
4324 Dublin Rd, Columbus OH 43221
Project Title: Laterality and oppositional direction striking of cats: Do cats exhibit handedness in striking?

Ms Patricia M Fox Grade: 07 Individual Excellent
1270 Carron Dr, Columbus OH 43220
Project Title: The effect of size, location and flavor of a treat on a dog's preference

Ms Krystina E Garabis Grade: 07 Individual Superior
2655 Berwyn Rd, Columbus OH 43221
Project Title: The effect of intentional humor matched to learning style preferences. Help or hindrance?

Mr Corey A Hayes Grade: 07 Individual Excellent
1875 Inchcliff Rd, Columbus OH 43221
Project Title: An exercise to remember

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- Ms Katie R Kapusta Grade: 07 Individual** Excellent
 2688 Coventry Rd, Columbus OH 43221
Project Title: The effect of memory method on short term retention
- Ms Allie E Keegan Grade: 07 Individual** Excellent
 2244 Abington Rd, Upper Arlington OH 43221
Project Title: The effect of potential binary solar system star colors on plant growth and development
- Mr Michael P Kreiser Grade: 07 Individual** Superior
 4204 Maystar Way, Hilliard OH 43026
Project Title: The effect of drag on streamlined models
- Ms Mary M Merkle Grade: 07 Individual** Excellent
 2622 Tremont Rd, Columbus OH 43221
Project Title: The effect of matching learning style to direction type in the successful construction of challenging Oragami art
- Ms Gretchen V Messick Grade: 07** Superior
 2492 W Lane Ave, Columbus OH 43221
Project Title: Compliant, non-compliant and moderately compliant: Group task completion ability
- Ms Theresa K Mokrzan Grade: 07** Excellent
 4536 Braithway St, Columbus OH 43026
Project Title: Will memory retention be affected by the gender and age of students?
- Mr Sean P O'Brien Grade: 07 Individual** Superior
 877 W Ninth Ave, Columbus OH 43212
Project Title: Is athleticism linked to size?
- Ms Claire M Pappa Grade: 07 Individual** Excellent 028 3rd
 2796 Brandon Rd, Columbus OH 43221
Project Title: Messages and meanings: The effect of facial features and voice intonation on the perception rating of a
- Ms Mary M Susi Grade: 07 Individual** Excellent
 2607 Wexford Rd, Columbus OH 43221
Project Title: The effect of academic task production due to grouping by personality type
- Ms Maggie S Valachovic Grade: 07** Superior 072 HM 154 1st
 2367 Canterbury Rd, Columbus OH 43221
Project Title: Simulation of a national emergency: The effect of common household purification processes on the end quality of water
- Ms Jillian J Wear Grade: 07 Individual** Superior
 2098 Guilford Rd, Columbus OH 43221
Project Title: The effect of matching learning style to Stroop test performance

SCHOOL: St Andrew

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

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County Franklin

- Ms Victoria I Farhat Grade: 07 Individual** Excellent
 6143 Wrothston Dr, Columbus OH 43228
Project Title: Does age affect blinking?
- Ms Megan E Fisher Grade: 07 Individual** Excellent 080 HM
 3933 Lytham Ct, Columbus OH 43220
Project Title: Which chemical is the safest, most inexpensive and the most effective at killing bacteria?
- Mr Michael A George Grade: 07 Individual** Superior
 4271 Mumford Dr, Columbus OH 43220
Project Title: Do cell phones affect driving?
- Ms Lindy K Gill Grade: 07 Individual** Superior
 5640 Fraley Ct, Columbus OH 43235
Project Title: To pop or not to pop
- Ms Maura N Haines Grade: 07 Individual** Excellent
 5024 Ballybridge Dr, Dublin OH 43017
Project Title: Which banana group will be the sweetest and the ripest in a week?
- Ms Colleen K Kaminski Grade: 07 Individual** Superior
 3721 Boathouse Dr, Hilliard OH 43026
Project Title: What is the best temperature of water to activate dry active yeast?
- Ms Anne E Montalto Grade: 07 Individual** Superior
 4001 Fenwick Rd, Columbus OH 43220
Project Title: Is plant growth affected by low or high concentration of fertilizer?
- Mr Brian J Vetter Grade: 07 Individual** Superior
 5071 Winchell Ct, Dublin OH 43017
Project Title: Wind power
- Ms Brandi L Wells Grade: 07 Individual** Excellent
 2220 Glenmere Rd, Columbus OH 43220
Project Title: What leavening agent helps baked goods rise better?

SCHOOL: St Brigid of Kildare

- Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)**
- Mr Matthew J Dunn Grade: 08 Individual** Superior
 8480 Davington Dr, Dublin OH 43017
Project Title: Wing design and flight
- Mr Thomas S Gallagher Grade: 08** Excellent
 218 Monterey Dr, Dublin OH 43017
Project Title: Launch angle

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County Franklin

SCHOOL: St Michael

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Maria E Damo **Grade: 08** **Individual** Excellent
 294 Blue Jay Dr, Columbus OH 43235
Project Title: Do disinfectants kill germs on hospital toys?

Ms Madalyn Hennessy **Grade: 08** **Individual** Excellent
 766 Asher Ct, Columbus OH 43235
Project Title: Do different types of glass respond differently to fertilizer?

Mr Ben E Natarian **Grade: 08** **Individual** Excellent 083 2nd
 6336 Buckman St, Lewis Center OH 43035
Project Title: What is the best filler material for a sandbag in emergency flood control?

SCHOOL: St Paul

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Madeline M Engle **Grade: 08** **Individual** Superior
 393 S Spring Rd, Westerville OH 43081
Project Title: Refraction of light in jello

Ms Kathryn M Erwin **Grade: 07** **Individual** Superior
 1145 Tidewater Ct, Westerville OH 43082
Project Title: Does mouthwash kill bacteria in the human mouth?

Mr Garrett A Haywood **Grade: 07** **Individual** Superior
 5753 Torrey Pines Ave, Westerville OH 43082
Project Title: Good old bread mold

Ms Kyra L Hess **Grade: 08** **Individual** Excellent
 6754 Callaway Ct, Westerville OH 43082
Project Title: The effect of different substances on rust appearance

Mr Connor P Hines **Grade: 08** **Individual** Superior
 4940 Tussic St Rd, Westerville OH 43082
Project Title: Wind power: The alternative energy source. Does my backyard have enough wind to sustain power for my

Ms Katie A Julian **Grade: 07** **Individual** Superior 061 3rd 154 1st
 3442 Foxcroft Dr, Lewis Center OH 43035
Project Title: Which bridge can you trust?

Ms Megan F McCabe **Grade: 08** **Individual** Good
 3391 Foxcroft Dr, Lewis Center OH 43035
Project Title: Ewww..moldy bread!

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Ms Katherine A Murray Grade: 07 Individual Excellent 147 1st
 5366 Turnberry Dr, Westerville OH 43082
Project Title: Why green? Will it come clean?

Mr Eric S Niehaus Grade: 08 Individual Excellent
 5752 Mist Flower Ln, Westerville OH 43082
Project Title: Proof of the Earth's rotation using a Foucault pendulum

Ms Lauren M Omlor Grade: 07 Individual Superior
 4160 Boulder Dam Dr, Columbus OH 43230
Project Title: Is it easier to memorize numbers of letters?

Mr Mark A Omlor Grade: 08 Individual Excellent
 4160 Boulder Dam Dr, Columbus OH 43230
Project Title: Which dog breeds sense of smell is most effective in finding a tennis ball?

Ms Kristen M Sellan Grade: 07 Individual Excellent
 6248 Sawgrass Way, Westerville OH 43082
Project Title: A change in change

Mr David M Sullivan Grade: 07 Individual Good
 472 Somerton Dr, Westerville OH 43082
Project Title: What type of soap should I buy?

Mr Matt W Young Grade: 08 Individual Excellent
 669 Rivertrace, Westerville OH 43081
Project Title: The effect of salt type on meat preservation

SCHOOL: St Pius X

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Jodee C Hopkins Grade: 07 Individual Excellent
 3405 Cedar Hill Rd NW, Canal Winchester OH 43110
Project Title: Portion size in relations to BMI

Ms Amanda E Stickel Grade: 07 Individual Excellent
 2115 Arcadia Pl, Reynoldsburg OH 43068
Project Title: Blood pressure and heart rate

SCHOOL: St Timothy

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Elizabeth C Feige Grade: 07 Individual Excellent
 3586 Chowning Ct, Columbus OH 43220
Project Title: Do different types of lights have an effect on the height, number of leaves and color of a plant?

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Mr V. Pete P Holtz Grade: 07 Individual Excellent
 796 Lauraland Dr S, Columbus OH 43214
Project Title: What type of truss bridge supports the most weight?

SCHOOL: Thomas Worthington HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Meghan E Atterbury Grade: 10 Team Excellent
 397 Bailey Pl, Columbus OH 43235
Project Title: Lead in drinking water

Ms Molly M Bachmann Grade: 10 Individual Superior 158 2nd 169 2nd 142 SCH
 212 W Riverglen Dr, Worthington OH 43085
Project Title: Post harvest storage effect on the Vitamin C content of organically and conventionally grown oranges over time

Ms Izabella R Bogin Grade: 09 Team Excellent
 1362 Pannelly Pl, Westerville OH 43081
Project Title: Relaxing music

Ms Kayla M Burris Grade: 09 Team Excellent
 6170 Middlebury Dr W, Worthington OH 43085
Project Title: Relaxing music

Mr M. Walid Choueiki Grade: 10 Individual Superior
 223 Franklin Ave, Worthington OH 43085
Project Title: Which type of athlete has the healthiest heart?

Ms Lana R Dennison Grade: 10 Team Excellent
 400 Longfellow Ave, Worthington OH 43085
Project Title: The effects of backpack weight on Thomas Worthington High School students

Ms Kathleen M Dotts Grade: 10 Team Excellent
 47 South St W, Worthington OH 43085
Project Title: The effects of backpack weight on Thomas Worthington High School students

Ms Kayleigh M Edgecombe Grade: 10 Superior 075 1st 133 2nd 142 SCH
 1195 Blacksmith Dr, Westerville OH 43081
Project Title: The effect of newspaper on concrete bricks

Ms Melissa N Girgis Grade: 10 Team Superior 169 7th 142 SCH
 465 Longfellow Ave, Worthington OH 43085
Project Title: Testing the five second rule: Take it or leave it?

Ms Korey N Humeny Grade: 10 Team Superior 075 1st 133 2nd 142 SCH
 7916 Station St, Columbus OH 43235
Project Title: The effect of newspaper on concrete bricks

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Ms Mackenzie L Johnson	Grade: 10	Team	Superior	169 7th	142 SCH
316 E New England Ave, Worthington OH 43085					
<i>Project Title: Testing the five second rule: Take it or leave it?</i>					
Mr Jonathan H Katz	Grade: 10	Team	Superior	181 1st	142 SCH
600 Ozem Gardner Way, Westerville OH 43081					
<i>Project Title: Comparison of game used football helmet face shields (Oakley and Nike) for optical quality and impact</i>					
Ms Kathryn M Kinsel	Grade: 10	Team	Excellent		
342 Pocono Rd, Columbus OH 43235					
<i>Project Title: Lead in drinking water</i>					
Ms Niteesha Kulshrestha	Grade: 09	Team	Excellent		
8089 Storrow Dr, Westerville OH 43081					
<i>Project Title: Relaxing music</i>					
Mr Eric J Lawell	Grade: 09	Individual	Excellent		
6979 Shetland St, Worthington OH 43085					
<i>Project Title: Lung capacity: Who has more - football players, non-athletes or band members?</i>					
Mr Eric E Petry	Grade: 10	Team	Superior	181 1st	142 SCH
324 E Granville Rd, Worthington OH 43085					
<i>Project Title: Comparison of game used football helmet face shields (Oakley and Nike) for optical quality and impact</i>					
Ms Shaadee M Samimy	Grade: 10	Individual	Superior	028 1st	142 SCH
909 Werner Way, Worthington OH 43085					
<i>Project Title: The effects of socio-cultural factors on listeners' perception of the accentedness of non-native speakers of</i>					
Mr Matthew A Tischer	Grade: 10	Individual	Excellent		
8000 Hightree Dr, Westerville OH 43081-5001					
<i>Project Title: RAM size and computer performance</i>					
Ms Samantha R Ward	Grade: 10	Team	Superior	075 1st	133 2nd 142 SCH
1748 High Tower Dr, Worthington OH 43235					
<i>Project Title: The effect of newspaper on concrete bricks</i>					
Ms Rachel M Webb	Grade: 10	Individual	Excellent	169 1st	
253 Weydon Rd, Worthington OH 43085					
<i>Project Title: The effects of freezing on the vitamin C content of strawberries</i>					

SCHOOL: Upper Arlington HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Marie Caligiuri-deJesus **Grade: 12** Superior 041 HM
Individual

2464 Wenbury Rd, Columbus OH 43220
Project Title: Immunogenicity of the Epstein-Barr virus BZLF protein

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Ms Jean Choi Grade: 09 Individual Superior 072 2nd 080 1st 083 1st
 1839 Victorian Ct, Upper Arlington OH 43220

Project Title: An analysis of the perchlorate concentrations of central Ohio's major water sources

Mr Ameya A Deshmukh Grade: 09 Individual Superior 080 2nd
 4790 Nugent Dr, Upper Arlington OH 43220

Project Title: Effect of elevated carbon dioxide concentrations on the growth of the alga Chlamydomonas reinhardtii

Mr Yishun Dong Grade: 11 Individual Superior 036 1st 132 SCH
 3610 Prestwick Ct, Columbus OH 43220

Project Title: Bone regeneration from the mouse embryonic dental pulp stem cell

Ms Catherine A Eitel Grade: 12 Individual Superior 201 1st 187 1st
 2584 Zollinger Rd, Columbus OH 43221

Project Title: Inorganic phosphate content in isolated hearts exposed to low flow ischemia to model cardiopulmonary

Ms Helen V Evans Grade: 09 Individual Superior
 1475 Langston Dr, Upper Arlington OH 43220

Project Title: The effect of temperature and bacterial contamination on mayonnaise

Ms Gabriella E Gegenheimer Grade: 10 Individual Superior 019 SCH
 1304 Norwell Dr, Upper Arlington OH 43220

Project Title: The impact of a UV blocking oil in retarding the degradation of a natural pesticide

Mr Phillip A Jaskot Grade: 10 Individual Excellent
 1388 Windham Rd, Columbus OH 43220

Project Title: Extracting heat from a masonry heater to enable portability of its energy

Ms Yelee Lee Grade: 09 Team Superior 133 1st 142 SCH
 2883 Brandon Rd, Upper Arlington OH 43221

Project Title: A comparison of carbon sequestration between alfalfa grass and corn at varying depths

Mr Kevin Li Grade: 10 Individual Superior 019 SCH
 2033 Keswick Dr, Columbus OH 43220

Project Title: Ethanol production with Kudzu

Ms Yuchen J Lin Grade: 10 Individual Superior 158 3rd
 2291 Buckley Rd, Upper Arlington OH 43220

Project Title: The effects of antioxidants

Mr Wilson D Lo Grade: 10 Individual Superior 036 1st 041 2nd
 2205 Haverford Rd, Columbus OH 43220

Project Title: The isolation and characterization of cellulolytic bacteria

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Ms Tejaswini R Nallanagulagari Team Grade: 09 Superior 133 1st 142 SCH

2145 Farleigh Rd, Upper Arlington OH 43221

Project Title: A comparison of carbon sequestration between alfalfa grass and corn at varying depths

Mr Vikram Santhanam Grade: 12 Individual Superior 132 SCH 158 1st

2075 Ridgeview Rd, Columbus OH 43221

Project Title: Induced cell death in Doxorubicin-treated H9c2 cells by silencing Hsp27

Ms Margaret A Wunderlich Individual Grade: 10 Good 034 2nd

4351 Braunton Rd, Upper Arlington OH 43220

Project Title: The knowledge of high school students regarding dietary fiber intakes and fiber's effect on BMI

SCHOOL: Walnut Springs MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Kent M Ford Grade: 07 Individual Superior

149 Sandstone Loop E, Westerville OH 43081

Project Title: Ready, set, go!

Ms Rabia N Khan Grade: 07 Individual Superior

5612 Blue Sky Ct, Westerville OH 43081

Project Title: Sugary solutions: The effect of temperature on the growth of crystals

SCHOOL: Willard Grizzell MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Amanda L Etchison Grade: 07 Individual Excellent

5800 Tarton Cir N, Dublin OH 43017

Project Title: Yeast respiration and pH

Mr Brennan J Foreman Grade: 07 Individual Excellent

9392 Culross Ct, Dublin OH 43017

Project Title: Food, blood glucose and your health

Mr Nikhil S Modak Grade: 08 Individual Superior

8059 Summerhouse Dr W, Dublin OH 43016

Project Title: Milk: Boiled vs. pasteurized

Mr P. Jennings Rengel Grade: 07 Excellent

7460 Brock Rd, Plain City OH 43064

Project Title: How to build a better bridge

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County Franklin

Ms Sanaya N Shroff Grade: 08 Individual Superior
8098 Summerhouse Dr W, Dublin OH 43016
Project Title: Rosin: How much is too much..or too little

Ms Annie L Zhang Grade: 07 Individual Superior 079 HM 154 1st
6271 Chapel Way Ct, Dublin OH 43016
Project Title: The load bearing capacity of soil

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County Fulton

SCHOOL: Pettisville HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Kendahl L Baer Grade: 10 Individual 20436 Co Rd D, Archbold OH 43502 <i>Project Title: The effect of launch angle on the horizontal and vertical displacement of clay pigeons</i>	Superior	142 SCH
Mr Logan D Beck Grade: 08 Individual 70 Hawthorn Dr, Archbold OH 43502 <i>Project Title: Acid rain and it's effect on metals</i>	Good	070 HM
Ms Ashlyn N Bontrager Grade: 08 Individual 3570 Co Rd 17, Wauseon OH 43567 <i>Project Title: Word color: Color affects the ability to read ink printed words</i>	Excellent	
Ms Emily R Borton Grade: 08 Individual S 278 Rd 16, Napoleon OH 43545 <i>Project Title: The effect of temperature on gas released from soda</i>	Excellent	085 HM
Ms Ashley E Eicher Grade: 10 Individual 18320 Co Rd B, Wauseon OH 43567 <i>Project Title: The effects of gibberellic acid on sunflower vertical growth</i>	Excellent	019 SCH 169 9th 032 3rd
Ms Lauren M Frey Grade: 08 Individual 19415 Millstone Dr, Wauseon OH 43567 <i>Project Title: The effect of gender in Dance Dance Revolution</i>	Excellent	
Ms Yu Lin Lin Huang Grade: 11 Individual 282 Maple Ave Apt B, Pettisville OH 43553 <i>Project Title: Emergency power generation for PEM fuel cells in remote locations</i>	Superior	159 1st
Ms Lexie King Grade: 08 Individual 1370 CR 18, Wauseon OH 43567 <i>Project Title: The effect of black walnut leaves, mustard and rye on weed seeds</i>	Excellent	080 HM
Ms Taylor Kruse Grade: 08 Individual 16811 Co Rd D, Wauseon OH 43567-9488 <i>Project Title: Analysis of pedigree of the color variety of a ruby eyed white doe</i>	Superior	033 2nd 154 1st
Mr Luke J Meller Grade: 08 Individual 17-539 County Rd W, Wauseon OH 43567 <i>Project Title: The effect of wing shape on flight distance</i>	Superior	
Ms Rebekah A Meller Grade: 11 Individual 17-539 Co Rd W, Wauseon OH 43567 <i>Project Title: The effect of different cutting methods and garlic types on the growth of Escherichia coli in liquid culture and the natural microbiota in ground beef</i>	Superior	008 SCH 199 1st 032 1st

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County Fulton

Ms Kaitlin R Nofziger Grade: 08 Individual Excellent
9721 CR 19, Wauseon OH 43567
Project Title: The effect of eye dominance while shooting foul shots

Mr Jeremy L Rupp Grade: 11 Individual Superior 182 1st 199 2nd
18480 Co Rd D, Wauseon OH 43567
Project Title: To develop virus resistance in Cucurbita pepo

Ms Laura J Rupp Grade: 08 Individual Superior
19340 Mallard Run, Wauseon OH 43567
Project Title: The effect of various types of light on scrapbook paper

Ms Kelsey E.F. Waidelich Grade: 07 Individual Superior
PO Box 53246, Pettisville OH 43553
Project Title: The effect of temperature on the distance a soccer ball is kicked

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County Geauga

SCHOOL: West Geauga HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Ms Desiree N Angelotta Grade: 09 9055 Music St, Novelty OH 44072 <i>Project Title: Plants and music</i>	Excellent	
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Ms Karen A Kruzer Grade: 10 Individual 12493 Bentbrook Dr, Chesterland OH 44026 <i>Project Title: The care and handling of cell phones and how they can prevent health risks</i>	Superior	
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County Greene

SCHOOL: Baker MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Courtney P Rodgers Grade: 08 Individual Excellent
 1736 Swindon Ct, Fairborn OH 45324
Project Title: Bacteria in the home

SCHOOL: Bellbrook HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Kaitlin S Bernard Grade: 10 Individual Excellent 080 1st 032 1st
 1176 Little Sugarcreek Rd, Dayton OH 45440
Project Title: Does the presence of natural compost affect the germination rate of ryegrass seed?

Mr Scott D Betz Grade: 11 Team Superior
 3599 Ridgeway Rd, Bellbrook OH 45305
Project Title: Efficiencies of hydrogen power

Ms Alicia M Nitsch Grade: 09 Team Good
 2065 Regent Park Dr, Bellbrook OH 45305
Project Title: The sound of silence

Ms Holly M Phillips Grade: 10 Team Excellent
 1364 Rose Lake Dr, Bellbrook OH 45305
Project Title: School of Rock

Ms Erin F Pinnell Grade: 09 Team Good
 3262 Upper Bellbrook Rd, Bellbrook OH 45305-9706
Project Title: The sound of silence

Mr Matthew S Rasch Grade: 11 Team Superior
 2135 Hillrise Cir, Bellbrook OH 45305
Project Title: Efficiencies of hydrogen power

Ms Rebecca A Smith Grade: 11 Individual Excellent
 1133 McBee Rd, Bellbrook OH 45305
Project Title: Geothermal heating in homes

Ms Morgan E Spicer Grade: 10 Team Excellent
 1296 Kables Mill Dr, Bellbrook OH 45305
Project Title: School of Rock

SCHOOL: Bellbrook MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

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County Greene

Mr William N Barton Grade: 07 Individual Excellent 028 1st 055 HM 178 1st
 PO Box 267, Bellbrook OH 45305
Project Title: Testing the hot hand phenomenon: Probability vs. perception

Mr Lance R Crockett Grade: 07 Individual Superior
 711 Baileys Trail, Dayton OH 45440
Project Title: Pulse jet engines

Mr Michael F Dellon Grade: 07 Individual Excellent 070 HM
 3993 Sable Ridge Dr, Bellbrook OH 45305
Project Title: It's heating up!

Ms Brianna R Huelsman Grade: 07 Good
 3843 Callaway Ct, Bellbrook OH 45305
Project Title: Which disinfectant wipe is telling the truth? A comparison of bacterial growth after using disinfectant wipes

Mr Colton M Phillips Grade: 07 Individual Superior
 1364 Rose Lake Dr, Bellbrook OH 45305
Project Title: Kick the ball like the pros

SCHOOL: Fairborn HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Barbara M Goodwin Grade: 09 Excellent
 732 Pearson Rd, WPAFB OH 45433
Project Title: The effects of sodium chloride on elodea cell size

SCHOOL: Ferguson MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Deepa Gollamudi Grade: 08 Team Superior
 2412 Edgewater Dr, Beavercreek OH 45431
Project Title: Which pain reliever dissolves fastest in stomach acid?

Mr Tushar Goswami Grade: 07 Individual Superior 070 1st 154 1st
 2183 Bassett Ct, Beavercreek OH 45434
Project Title: Using jet streams to interpret hurricane activities

Ms Samantha Venkatesh Grade: 08 Team Superior
 2387 Heather Glen Dr, Beavercreek OH 45431
Project Title: Which pain reliever dissolves fastest in stomach acid?

SCHOOL: Mary Help Of Christian

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

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County Greene

Ms Courtney E Sewell Grade: **08** Individual Excellent 055 1st
 651 Swigart Dr, Fairborn OH 45324
Project Title: Programmed for fashion - practical uses for computer programming

SCHOOL: St Brigid ES

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Raenne M Busch Grade: **07** Individual Superior
 460 Kinsey Rd, Xenia OH 45385
Project Title: Kickin' it under pressure

Ms Kelsey A Haynes Grade: **08** Individual Excellent
 1260 Oakleaf Dr, Beaver creek OH 45434
Project Title: Train your brain

Mr Sam M Kaiser Grade: **08** Individual Excellent
 2093 Hilltop Rd, Xenia OH 45385
Project Title: Bridges

SCHOOL: St Luke

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr William R Hauber Grade: **07** Individual Superior
 1330 Lower Bellbrook Rd, Xenia OH 45385
Project Title: The strength of wet vs. dry wood

Mr Brenton R Jennewine Grade: **08** Superior
 2421 Passage Key Trail, Xenia OH 45385
Project Title: Fuel energy

SCHOOL: Xenia Christian HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Nathan J Bryant Grade: **11** Individual Superior 067 2nd
 807 S Smithville Rd, Dayton OH 45403
Project Title: .22 LR: Cost vs. precision

Mr Matthew T McKinley Grade: **10** Superior 175 HM 142 SCH
 1908 Crase Dr, Xenia OH 45385
Project Title: Green vs. green: Renewable energy or your wallet

Mr Dillon J Simmons Grade: **10** Individual Superior
 305 Stratford Ln, Xenia OH 45385
Project Title: Magnificent Maglev!

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County Guernsey

SCHOOL: Meadowbrook MS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Matthew D Daymut Grade: 07 Individual Excellent
 15560 Grand Ave, Senecaville OH 43780
Project Title: What ruins car paint?

Ms Maurie A DeLong Grade: 08 Individual Excellent
 58765 Wintergreen Rd, Senecaville OH 43780
Project Title: Which soft drink has the most carbonation?

Ms Taylor P DeVold Grade: 08 Individual Superior 051 1st 154 1st
 9600 Indian Lake Rd, Byesville OH 43723
Project Title: Which broad head penetrates the deepest?

Ms Alison N Furry Grade: 08 Individual Excellent
 511 Walnut St, Pleasant City OH 43772
Project Title: The making of a flute

Ms Abigail D Guiler Grade: 08 Individual Good
 58777 Wintergreen Rd, Senecaville OH 43780
Project Title: Which diaper is more absorbent?

Ms Briana L Morris Grade: 08 Individual Excellent
 36231 S 16 Rd, Barnesville OH 43713
Project Title: Red red red natural dyes

SCHOOL: St Benedict

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Michael J Janosko Grade: 08 Individual Excellent
 56195 Joe Day Rd, Quaker City OH 43773
Project Title: Solar power

Mr Bryan J Ricketts Grade: 08 Individual Excellent
 140 Merrick Rd, Cambridge OH 43725
Project Title: Does humidity affect the dielectric constant of air?

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County Hamilton

SCHOOL: All Saints

Harold C. Shaw Outstanding
School Award

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Morgan E Basile Grade: 07 Individual 9902 Tradewind Ct, Cincinnati OH 45242 <i>Project Title: Magnets and temperature</i>	Superior	
Mr John T Broderick Grade: 07 Individual 9115 Whisperinghill Dr, Cincinnati OH 45242-4662 <i>Project Title: Keep on gliding</i>	Superior	147 2nd 154 1st
Mr Alexander M Feltman Grade: 07 8549 Woods Pt, Cincinnati OH 45249 <i>Project Title: Tank size and growth of black mollies</i>	Superior	036 1st 154 1st
Ms Austen D Gross Grade: 07 Individual 9279 Cactus Ln, Loveland OH 45140 <i>Project Title: How exercise affects CO2 output</i>	Superior	
Ms Elizabeth M Hellmann Grade: 07 Individual 8629 Hetheridge Ln, Cincinnati OH 45249 <i>Project Title: Breaking the surface</i>	Superior	178 1st 154 1st
Mr Ryan K Jones Grade: 07 Individual 10258 Stablehand Dr, Cincinnati OH 45242 <i>Project Title: Trebuchet counterweight mass: the effect on projectile distance</i>	Superior	
Ms Marissa E Mitchell Grade: 07 Individual 11972 Grandstone Ln, Cincinnati OH 45249 <i>Project Title: Do you remember?</i>	Superior	
Mr Nick A Paxson Grade: 07 Individual 7646 Fairwind Dr, Cincinnati OH 45242 <i>Project Title: Maximum distance</i>	Superior	
Mr Jacob Rawlings Grade: 07 Individual 11978 Streamside Dr, Loveland OH 45140 <i>Project Title: Eggs and arches - The surprising strengths</i>	Superior	
Mr William R Rinaldi Grade: 07 Individual 11132 Woodlands Way, Cincinnati OH 45241 <i>Project Title: Burning calories</i>	Excellent	134 3rd

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Mr Thomas B Tappel Grade: 07 Individual Excellent
 7914 Treeheights Ct, Cincinnati OH 45242
Project Title: What floats your boat?

SCHOOL: Anderson HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Becky H Ison Grade: 09 Team Superior 133 2nd 162 1st
 1790 Muskegon Dr, Cincinnati OH 45255
Project Title: Tracking geomagnetic storms using GPS receivers

Ms Lauren B McCane Grade: 09 Team Superior 133 2nd 162 1st
 1057 Sutton Ave, Cincinnati OH 45230
Project Title: Tracking geomagnetic storms using GPS receivers

SCHOOL: Horizon Science Academy

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Briana White Grade: 09 Individual Superior
 7504 Griffin Dr, Cincinnati OH 45237
Project Title: Amount of magnesium in different types of fruit juice

SCHOOL: McNicholas

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Jacob M Boehm Grade: 09 Individual Superior 050 1st 032 1st 142 SCH
 3378 Schefsky Rd, Blanchester OH 45107
Project Title: The effects of feeding ethanol plant by-products to Holstein steers

Ms Katie M Johnstone Grade: 10 Individual Superior
 6326 Macon Ct, Loveland OH 45140
Project Title: Remember

Ms Megan T Whitesell Grade: 09 Individual Excellent
 1143 Stewarton Dr, Amelia OH 45102
Project Title: A step towards justice

SCHOOL: Mother Of Mercy

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Gabrielle L Coors Grade: 10 Individual Good
 5967 Bridgetown Rd, Cincinnati OH 45248
Project Title: The effect of the water distribution system on water quality

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County Hamilton

SCHOOL: Mt Notre Dame

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Akanksha Mishra Grade: 09 Individual 12090 Crestfield Ct, Cincinnati OH 45249 <i>Project Title: Global dimming is as responsible as global warming for the universal climate change</i>	Superior	079 HM 142 SCH

SCHOOL: Our Lady of Lourdes

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Scott T Abernathy Grade: 08 Individual 1891 Forestview Ct, Cincinnati OH 45233 <i>Project Title: Corrosion: To rust or not to rust</i>	Excellent	
Mr Robert C Capannari Grade: 07 Individual 3386 Citation Ln, North Bend OH 45052 <i>Project Title: The human battery</i>	Excellent	
Ms Elizabeth A Kenkel Grade: 07 Individual 6097 Countryhills Dr, Cincinnati OH 45233 <i>Project Title: Which plastic grocery bag holds the most weight?</i>	Excellent	
Mr Steven R Pfaffinger Grade: 07 Individual 3220 Harmony Ln, Cincinnati OH 45248 <i>Project Title: Does exercise affect short term memory</i>	Excellent	028 2nd 148 1st
Mr Nathan W Rieth Grade: 08 Individual 5709 Thomaridge Ct, Cincinnati OH 45248 <i>Project Title: Wetlands - Go green go clean</i>	Excellent	080 3rd

SCHOOL: Our Lady Of Visitation

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Amy M Feie Grade: 08 Individual 3790 Deerpath Ln, Cincinnati OH 45248 <i>Project Title: What type of softball bat will make a softball travel the farthest: wood, aluminum or composite?</i>	Superior	
Mr Eric C Heyd Grade: 08 Team 3015 Citation Ln, North Bend OH 45052 <i>Project Title: Pneumatics</i>	Excellent	
Ms Emily M Igel Grade: 08 Individual 7945 Rio Grande Dr, Cleves OH 45002 <i>Project Title: Is bottled water best?</i>	Superior	

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Mr Zak P Lutz Grade: 08 Team Excellent
 3272 Cherryridge Dr, North Bend OH 45052
Project Title: Pneumatics

SCHOOL: St Bernard School

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Ms Lauren C Carroll Grade: 07 Team 713 Rosewynne Ct, Cleves OH 45002 <i>Project Title: How do energy drinks affect heart rate?</i>	Superior	133 1st 154 1st
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Ms Stephanie N Cline Grade: 07 Team 7884 Spring Leaf Dr, Cincinnati OH 45247 <i>Project Title: How do energy drinks affect heart rate?</i>	Superior	133 1st 154 1st
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Mr Anthony D DiMuzio Grade: 08 Team 6164 Springdale Rd, Cincinnati OH 45247 <i>Project Title: Which wheel type has the best overall traction for varying terrains?</i>	Excellent	
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Ms Sadie A DiMuzio Grade: 07 Team 6164 Springdale Rd, Cincinnati OH 45247 <i>Project Title: Which wheel type has the best overall traction for varying terrains?</i>	Excellent	
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SCHOOL: St Catharine of Siena

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Mr Tywan D Wade Grade: 08 Individual 2743 Queen City Ave, Cincinnati OH 45238 <i>Project Title: Burning calories: An experimental discovery of calories in food</i>	Excellent	
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SCHOOL: St Gertrude

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Mr Phillip M Dressman Grade: 07 Individual 3728 Camden Ave, Cincinnati OH 45227 <i>Project Title: How much stronger does an electromagnet become each time more coils are added?</i>	Superior	
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Ms Sarah A Jaun Grade: 07 Individual 8 Rose Lane Farm, Loveland OH 45140 <i>Project Title: Do most people remember more of given information by seeing it or hearing it?</i>	Excellent	
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Mr Paul S Mittermeier Grade: 07 Individual 10822 Kingslake Dr, Cincinnati OH 45242 <i>Project Title: Prevalence of microbes in a school setting</i>	Superior	036 1st 041 2nd 154 1st
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Ms Margaret M Winstel Grade: 07 Individual Superior

6604 Madeira Hills Dr, Cincinnati OH 45243

Project Title: Does the price of pressure sensitive adhesive tape relate to its ability to adhere

SCHOOL: St Ignatius Loyola

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Samuel M Fronk Grade: 08 Team

Excellent

3411 Boomer Rd, Cincinnati OH 45247

Project Title: Which trestle bridge is the strongest?

Mr John M Lewnard Grade: 08 Team

Excellent

5974 Brierly Ridge Dr, Cincinnati OH 45247

Project Title: Which trestle bridge is the strongest?

Mr Jeffrey S Nader Grade: 08 Team

Excellent

5084 Breckenridge Dr, Cincinnati OH 45247

Project Title: Which trestle bridge is the strongest?

SCHOOL: St Jude

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Abby R Cruse Grade: 08 Team

Excellent

4592 Nathaniel Glen Dr, Cincinnati OH 45248

Project Title: The effects of energy drinks on the human body

Ms Monica M Phipps Grade: 08 Individual

Excellent

136 HM

4748 Greenwald Ct, Cincinnati OH 45248

Project Title: Types of fertilizer and their effect on plant growth

Ms Shannon M St George Grade: 08 Team

Excellent

4024 Simca Ln, Cincinnati OH 45211

Project Title: The effects of energy drinks on the human body

SCHOOL: St Mary

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Alexander Helmicki Grade: 07 Individual Superior

7166 Northwich Dr, Cincinnati OH 45230

Project Title: Lichenometry: A study of dating using lichen growth

Mr Alex P Sherlock Grade: 07 Individual Superior

6893 Old Chapel Dr, Cincinnati OH 45244

Project Title: Piezoelectric properties

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County Hamilton

SCHOOL: St Xavier

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Timothy M Hale Grade: 11 Team Excellent
 5219 Parmalee Pl, Cincinnati OH 45212
Project Title: Saccharomyces cerevisiae and Vitamin C

Mr Michael T Harrington Grade: 11 Team Excellent
 4299 Wellington Dr, Cincinnati OH 45245
Project Title: Saccharomyces cerevisiae and Vitamin C

Mr Richard A Levernier Grade: 11 Team Excellent
 5525 Surrey Ave, Cincinnati OH 45248
Project Title: Saccharomyces cerevisiae and Vitamin C

SCHOOL: Turpin HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Alex C Cameron Grade: 09 Team Excellent
 7200 Andersonwoods Dr, Cincinnati OH 45244
Project Title: Does age affect memory?

Ms Annie M Haskins Grade: 09 Team Excellent
 7429 Kingstonview Ct, Cincinnati OH 45255
Project Title: Effects of drink pH on tooth enamel

Ms Mackenzie A Houston Grade: 09 Team Excellent
 6893 Treeridge Dr, Cincinnati OH 45244
Project Title: Effects of drink pH on tooth enamel

Ms Julianna R Kluger Grade: 09 Individual Excellent
 6914 Royalgreen Dr, Cincinnati OH 45244
Project Title: What substance best removes bacteria from hands during washing?

Mr Matt M Russell Grade: 09 Team Excellent
 7242 Andersonwoods Dr, Cincinnati OH 45244
Project Title: Does age affect memory?

Ms Noel A Spurgeon Grade: 12 Individual Superior
 7632 Burline Hills, Cincinnati OH 45244
Project Title: A certain slant of light: Index of refraction and salinity

SCHOOL: Walnut Hills HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

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Mr Lucas D Bertaux-Skeirik Grade: 08 Team Good

3160 Legacy Trace, Cincinnati OH 45237

Project Title: Which are faster through a maze, carnivorous mice or vegetarian mice?

Mr Benjamin F Ghosh Grade: 08 Team Good

1015 Hill St, Cincinnati OH 45202-1718

Project Title: Which are faster through a maze, carnivorous mice or vegetarian mice?

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County Henry

SCHOOL: Patrick Henry HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Mr Jacob D Buenger Grade: 10 Individual 4-630 Rd G, Deshler OH 43516 <i>Project Title: The feasibility of carbon dioxide fumigation</i>	Excellent	
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SCHOOL: Patrick Henry MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Mr Samuel M Black Grade: 07 Individual 223 W Maple St, Deshler OH 43516 <i>Project Title: Truss bridges</i>	Excellent	
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Ms Kara N Klein Grade: 07 Individual 6641 Co Rd J, Malinta OH 43535 <i>Project Title: The effect of pH levels on the growth of hydroponic lettuce</i>	Excellent	
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Ms Lindsey M Meyer Grade: 07 Individual G 556 Co Rd 2, Deshler OH 43516 <i>Project Title: Vitamin C levels in orange juice</i>	Superior	
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County Highland

SCHOOL: Fairfield Local MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Ms Kaiti P Esselman Grade: 08 Team PO Box 57, Highland OH 45132 <i>Project Title: Carbon dioxide in freshwater</i>	Superior	
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Mr Dakota L Hargrave Grade: 08 Team 10085 US 62, Leesburg OH 45135 <i>Project Title: Athletic insulation</i>	Excellent	
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Mr Austin D Hildebrant Grade: 08 Team 11435 St Rte 72, Leesburg OH 45135 <i>Project Title: Athletic insulation</i>	Excellent	
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Mr Cole Putnam Grade: 08 Team 10230 Small Rd, Hillsboro OH 45133 <i>Project Title: Carbon dioxide in freshwater</i>	Superior	
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SCHOOL: Lynchburg-Clay HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Mr Thomas E Bohl Grade: 12 Individual 1583 S Gath Rd, Sardinia OH 45171 <i>Project Title: A study into the effect of color on the lead content of toys</i>	Superior	142 SCH
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Ms Sarah J Easterling Grade: 11 Individual PO Box 49, Mt Orab OH 45154 <i>Project Title: The effect of the manner in which something is written on the way it is interpreted</i>	Excellent	
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Mr Cliff B Murray Grade: 11 Individual 6688 Pondlick Rd, Winchester OH 45697 <i>Project Title: The effect of the container on the amount of moisture an item retains</i>	Excellent	155 1st
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Ms Sarah R Spinner Grade: 11 Individual 5079 St Rte 132, Batavia OH 45103 <i>Project Title: The effect of running form on speed</i>	Excellent	
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County Holmes

SCHOOL: West Holmes HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Michael J Anthony Grade: 10 Individual 5079 TR 339, Millersburg OH 44654 <i>Project Title: Transmitter performance</i>	Superior	147 2SCH 204 4ALT 142 SCH

SCHOOL: West Holmes MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Clay M Miller Grade: 07 Team 8708 TR 513, PO Box 345, Shreve OH 44676 <i>Project Title: Danger in the air</i>	Excellent	
Mr Matt J Schlegel Grade: 07 Team 10720 TR 526, Shreve OH 44676 <i>Project Title: Danger in the air</i>	Excellent	
Ms Leah R Schonauer Grade: 08 Team 4000 TR 271, Killbuck OH 44637 <i>Project Title: Don't drop it</i>	Excellent	
Ms Kori L Weber Grade: 08 Team 5916 Tr 322, Millersburg OH 44654 <i>Project Title: Don't drop it</i>	Excellent	

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County Huron

SCHOOL: New London MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Garrett L Babcock Grade: 07 Individual 5693 Ferry Rd, Wakeman OH 44889 <i>Project Title: The effect of temperature on battery performance</i>	Superior	

SCHOOL: Norwalk Catholic

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Michael F Hanneman Grade: 09 2620 New State Rd, Norwalk OH 44857 <i>Project Title: Solar water heater</i>	Excellent	

Ms Alexis M Hipp Grade: 08 Individual 18 Marshall St, Norwalk OH 44857 <i>Project Title: Five second rule: Fact or fiction?</i>	Superior	
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Mr Bradley M Metcalfe Grade: 09 Individual 1759 US 224, Willard OH 44890 <i>Project Title: Shake things up</i>	Superior	
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Ms Sarah E Rhoad Grade: 09 Individual 66 Corwin St, Norwalk OH 44857 <i>Project Title: Sunblock: Generic vs. name brand</i>	Superior	142 SCH
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Mr Erik D Stanbery Grade: 09 Individual 4076 St Rte 103 S, Willard OH 44890 <i>Project Title: The effect of the movement of fluid on electrogalvanism</i>	Excellent	134 1st
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Mr Christopher R.T. Stang Grade: 07 Individual 14 Baneberry Ln, Norwalk OH 44857 <i>Project Title: Effect of temperature on air pressure</i>	Superior	
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SCHOOL: Willard MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Matt T Leis Grade: 07 Individual 66 Crestwood Dr, Willard OH 44890 <i>Project Title: Do plants grow better in soil or water?</i>	Superior	

Mr Korey J Mahl Grade: 07 Individual 814 S Myrtle Ave, Willard OH 44890 <i>Project Title: Does temperature affect magnetism?</i>	Superior	
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County Jackson

SCHOOL: Jackson HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Mr Benjamin E Lewis Grade: 09 Individual 134 N Chestnut St, Jackson OH 45640 <i>Project Title: Does FGD affect water alkalinity?</i>	Excellent	079 4th 080 3rd
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Mr Sherman T Lewis Grade: 11 Individual 134 N Chestnut St, Jackson OH 45640 <i>Project Title: Caffeine free</i>	Excellent	
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SCHOOL: Jackson MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Mr Kevin R Deinert Grade: 07 Individual 370 Abbey Ln, Jackson OH 45640 <i>Project Title: Soundproofing properties of different materials</i>	Superior	
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Ms Courtney E Hattle Grade: 07 Individual 36 Westlawn Ave, Jackson OH 45640 <i>Project Title: Will young children eat more vegetables if they are brightly colored?</i>	Excellent	
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Mr Joshua E Wiley Grade: 08 Individual 30 N Bennett Ave, Jackson OH 45640 <i>Project Title: The absorption properties of pollutants in different soil types</i>	Excellent	079 HM
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Mr Clay E Wood Grade: 08 Individual PO Box 33, Jackson OH 45640 <i>Project Title: To read or not to read: are words better than pictures?</i>	Excellent	
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County Jefferson

SCHOOL: All Saints

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Eliese N Pergi Grade: 07 Individual 144 Linmar Ave, Wintersville OH 43953 <i>Project Title: Do plants need darkness to survive?</i>	Excellent	

SCHOOL: Aquinas Central

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Rachel V Irvin Grade: 07 Individual 449 Fernwood Rd, Wintersville OH 43953 <i>Project Title: Why won't my salad dressing stay mixed?!?</i>	Superior	
Ms Elizabeth A Miller Grade: 08 Individual 510 E Fernwood Dr, Toronto OH 43964 <i>Project Title: What blocks radio waves</i>	Excellent	
Mr Mitchell L Morelli Grade: 08 Individual 2646 Fernwood Rd, Wintersville OH 43953 <i>Project Title: Which brand of golf ball flies the farthest?</i>	Superior	

SCHOOL: Catholic Central

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Rebecca K McGrail Grade: 10 Individual 366 Westwood Dr, Steubenville OH 43953 <i>Project Title: Do the seasons determine the treatment of acid mine drainage?</i>	Superior	090 2nd

SCHOOL: Holy Rosary

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Justine M Bensur Grade: 08 Individual 2738 Christian Pl, E Liverpool OH 43920 <i>Project Title: Which type of cup keeps hot coffee warm longest: paper, plastic or styrofoam?</i>	Superior	
Ms Michal J LaRue Grade: 08 Individual 105 Bryden Rd, Steubenville OH 43953 <i>Project Title: How does the pressure inside a soccer ball affect how far it flies when kicked?</i>	Good	
Ms Angela M Sengenberger Grade: 08 Individual 405 Belleview Blvd, Steubenville OH 43952 <i>Project Title: Do air fresheners and odor neutralizers affect the rate at which a seed germinates?</i>	Excellent	

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County Knox

SCHOOL: Mt Vernon HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Jessica L McQuigg Grade: 11 Individual 14756 Crooked St, Mt Vernon OH 43050 <i>Project Title: Over the counter effectiveness</i>	Superior	148 1st 171 SCH 199 4th

SCHOOL: Mt Vernon MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Meridia D Brooks Grade: 07 Individual 14081 Monroe Mills Rd, Howard OH 43028 <i>Project Title: How do fears change with age?</i>	Excellent	
Mr Steven K Duvall Grade: 07 Individual 9777 Old Delaware Rd, Mt Vernon OH 43050 <i>Project Title: How clean are your hands? Bacteria on surfaces</i>	Superior	
Ms Sarah R Fowler Grade: 07 Individual 1565 New Gambier Rd, Mt Vernon OH 43050 <i>Project Title: Will a cat react to native or exotic bird calls the quickest?</i>	Excellent	
Ms Willa Kerkhoff Grade: 07 Individual 501 E High St, Mt Vernon OH 43050 <i>Project Title: Does caffeine affect heart rate in Daphnia?</i>	Excellent	
Mr Zachary I McQuigg Grade: 07 Individual 14756 Crooked St, Mt Vernon OH 43050 <i>Project Title: Do video games affect your heart rate or blood pressure?</i>	Superior	
Mr Matthew J Omahan Grade: 08 Team 10231 Springwater Dr, Mt Vernon OH 43050 <i>Project Title: What length barrel on a compressed air cannon shoots a foam golf ball the farthest?</i>	Superior	
Mr Douglas L Reitsma Grade: 08 Individual 404 E Gambier St, Mt Vernon OH 43050 <i>Project Title: Paper chromatography separation of marker dyes</i>	Excellent	
Mr William M Teater Grade: 08 Team 300 Ridgeland Cir, Howard OH 43028 <i>Project Title: What length barrel on a compressed air cannon shoots a foam golf ball the farthest?</i>	Superior	

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County Lake

SCHOOL: Henry F Lamuth MS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Daniel M Clifford **Grade: 07** **Individual** Superior
1263 Falling Rock Ln, Painesville Twp OH 44077

Project Title: Are you using that water bottle again? Is there bacteria left in a water bottle that is not cleaned?

SCHOOL: Mentor HS

**Harold C. Shaw Outstanding
School Award**

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Nicholas L Denton **Grade: 11** **Individual** Superior
7866 Champaign Dr, Mentor OH 44060

Project Title: The creation and testing of magnetic nanoparticles with the potential to treat cancer

Ms Jessica N Foreman **Grade: 11** **Individual** Superior 201 1st 205 1st
6364 S Cedarwood, Mentor OH 44060

Project Title: Examining the alteration of the action potential and its effects on the Brugada Syndrome

Mr Cory E Kozlovich **Grade: 11** **Individual** Excellent
5265 Lenore Dr, Mentor OH 44060

Project Title: Clinical characteristics of patients with chronic cough who respond to inhaled corticosteroids

Ms Cynthia L Molnar **Grade: 11** **Individual** Superior 023 1st 028 2nd
7422 Spring Blossom Dr, Mentor OH 44060

Project Title: An examination of the effects of birth order on one's intelligence level

Mr Anton M Vehovec **Grade: 11** **Individual** Superior
6671 Durham Ct, Mentor OH 44060

Project Title: How increased activation of protein kinase c affects carcinoma cell migration

SCHOOL: Riverside Jr/Sr HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Jodi C Turk **Grade: 08** **Individual** Superior
6373 Vrooman Rd, LeRoy Twp OH 44077

Project Title: Hot and cold race to freeze

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County Lawrence

SCHOOL: Chesapeake HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Sarah K Mayo Grade: 09 Individual 309 Twp Rd 1135, Proctorville OH 45669-8615 <i>Project Title: Compressive strength: Is longer stronger?</i>	Superior	061 3rd 142 SCH

SCHOOL: Chesapeake MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Anna K Mayo Grade: 07 Individual 309 Twp Rd 1135, Proctorville OH 45669 <i>Project Title: Which material causes the least friction?</i>	Superior	

SCHOOL: Fairland HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Matthew T Konzett Grade: 10 Individual 117 Twp Rd 1091, Proctorville OH 45669 <i>Project Title: Mirror madness: Can useful work be produced by steam generated from focusing the sun's energy with multiple mirrors?</i>	Excellent	

Ms Natalie R Elkins Grade: 12 Individual 72 Twp Rd 1305, Proctorville OH 45669 <i>Project Title: Toxicity effects on isopods</i>	Excellent	072 HM
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Mr Dalton J Froehlich Grade: 10 Individual 1765 Co Rd 121, Proctorville OH 45669 <i>Project Title: Memory & the heart</i>	Excellent	
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Mr Robert G Hinshaw Grade: 09 Individual 9604 Co Rd 107, 33 Roman Harbor, Proctorville OH 45669 <i>Project Title: How clean are our streams</i>	Excellent	083 3rd 090 2nd
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Ms Vidhee J Patel Grade: 11 Individual 803 Solida Rd, South Point OH 45680 <i>Project Title: Child memory</i>	Excellent	002 SCH
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Mr Garrett P Wireman Grade: 10 Individual 8334 Co Rd 107, Proctorville OH 45669 <i>Project Title: The Mozart effect: Fact or fiction?</i>	Excellent	
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SCHOOL: Fairland MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Ms Shefali S Shah Grade: 08 Individual Excellent
 469 Private Dr 10463, Proctorville OH 45669
Project Title: DNA: Analyzing human DNA

Ms Julia Wu Grade: 07 Individual Excellent
 447 Private Dr 8323, Proctorville OH 45669
Project Title: Disinfectants

SCHOOL: Ironton JS

Student's Name, Address, and Type of Project **OAS AWARD** Sponsored Awards (if any)

Ms Kelly D Paholsky Grade: 08 Individual Superior
 2602 S 12th St, Ironton OH 45638
Project Title: Methods of seed scarification

SCHOOL: Rock Hill MS

Student's Name, Address, and Type of Project **OAS AWARD** Sponsored Awards (if any)

Mr Evan J Morris Grade: 07 Individual Excellent
 3615 Co Rd 181, Ironton OH 45638
Project Title: Insulating the human body

SCHOOL: Rock Hill Sr HS

Student's Name, Address, and Type of Project **OAS AWARD** Sponsored Awards (if any)

Ms Tayler M Lewis Grade: 10 Individual Excellent 175 1st
 518 Twp Rd 1329, Ironton OH 45638
Project Title: Right or left: Adapting to today's world

SCHOOL: South Point HS

Student's Name, Address, and Type of Project **OAS AWARD** Sponsored Awards (if any)

Ms Brianna L Barnes Grade: 10 Individual Excellent
 48 Twp Rd 510 S, South Point OH 45680
Project Title: A bathroom myth busted

Ms Amber N Goodall Grade: 10 Individual Excellent
 104 7th St, South Point OH 45680
Project Title: Seed germination and salinity

SCHOOL: St Joseph Central

Student's Name, Address, and Type of Project **OAS AWARD** Sponsored Awards (if any)

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County Lawrence

- Ms Spencer A Hammond Grade: 11** Superior
1844 N Second St, Ironton OH 45638
Project Title: How does changing the particle size of a reactant and the temperature of the water in which it dissolves affect the rate of the chemical reaction?
- Ms Glennie J Hopkins Grade: 07 Individual** Excellent
2024 N Second St, Ironton OH 45638
Project Title: Soap: which works best?
- Ms Anna V Mollett Grade: 08 Individual** Excellent
2013 Liberty Ave, Ironton OH 45638
Project Title: How much DNA is in a strawberry?
- Ms Catherine E Redden Grade: 11** Excellent
130 New Hampshire Dr, Ashland KY 41101
Project Title: Just how clean are public restrooms
- Ms Victoria L Redden Grade: 10 Individual** Superior
130 New Hampshire Dr, Ashland KY 41101
Project Title: Da Vinci's design
- Ms Maria E Walters Grade: 07 Individual** Excellent
1306 Navajo Trail, Ironton OH 45638
Project Title: Which disinfectant works best?

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County Logan

SCHOOL: Benjamin Logan HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Hans C Buchenroth Grade: 11 Individual Excellent
 1744 Twp Rd 37 W, Huntsville OH 43324
Project Title: Wind power

Ms Jessica A Frasure Grade: 12 Individual Superior 019 SCH
 6186 SR 47 E, Bellefontaine OH 43311
Project Title: Cloning the PHB pathway

Ms Jaleena C Jacobs Grade: 12 Individual Excellent
 602 E Center St, W Mansfield OH 43358
Project Title: Analysis of various protozoa as potential alternatives to the Draize test

Mr Rahul M Prasad Grade: 11 Individual Good
 808 Wedgewood Dr, Bellefontaine OH 43311
Project Title: Isolating the gene for Triclosan resistance

SCHOOL: Benjamin Logan MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Dakota M Crumley Grade: 07 Individual Excellent
 PO 48 Box, Rushsylvania OH 43347
Project Title: Ticket ticket who got a ticket?

Ms Amanda M Frasure Grade: 07 Individual Good
 6186 SR 47 E, Bellefontaine OH 43311
Project Title: Bacterial transformation

Mr Rohan M Prasad Grade: 07 Individual Superior
 808 Wedgewood Dr, Bellefontaine OH 43311
Project Title: Lysozyme: the cell wall breaker

Mr Nicholas G Wisse Grade: 08 Individual Excellent
 5101 SR 540, Bellefontaine OH 43311
Project Title: Waxy ears?

SCHOOL: Riverside HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Heather E Comer Grade: 07 Individual Excellent
 5575 CR 43 PO Box 579, DeGraff OH 43318
Project Title: The comparative analysis of bacteria on sports equipment

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County Logan

Ms Meredith V Comer **Grade: 09** **Individual** Excellent 079 2nd 090 1st

5575 CR 43, PO Box 579, DeGraff OH 43318

Project Title: A comparative biological survey of three close but isolated fens in Logan County

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County Lorain

SCHOOL: Columbia HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr William J Bailey Grade: 10 Individual 23447 Emmons Rd, Columbia Sta OH 44028 <i>Project Title: Acid hydrolysis of biomass</i>	Superior	108 1st 139 3rd 142 SCH
Mr Brian D Coyne Grade: 09 Individual 10031 Dupont St, Columbia Sta OH 44028 <i>Project Title: How do sport drinks affect heart rate?</i>	Excellent	034 1st
Ms Denise M Gerda Grade: 09 Individual 27015 Osborne Rd, Columbia Sta OH 44028 <i>Project Title: Does birth order affect personality?</i>	Excellent	
Mr Eric R Painting Grade: 10 Individual 19547 Rolling Brook Ln, Columbia Sta OH 44028 <i>Project Title: Algae as a biofuel: Detecting hydrocarbons in Protococcus</i>	Excellent	019 SCH 080 2nd

SCHOOL: Columbia MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Jessica N Mirecki Grade: 07 Team 27430 Forsythia Dr, Columbia Sta OH 44028 <i>Project Title: Dwarf hamster environments</i>	Excellent	
Ms Amber C Silvaggio Grade: 07 Team 24827 River Glen Dr, Columbia Sta OH 44028 <i>Project Title: Dwarf hamster environments</i>	Excellent	

SCHOOL: St Jude

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Stephanie M Decker Grade: 07 123 Raven Cir, Elyria OH 44035 <i>Project Title: Pop! Soda carbonation</i>	Excellent	
Ms Sarah A Miller Grade: 08 Individual 636 Glenwood St, Elyria OH 44035 <i>Project Title: Plaster of Paris: Can it be strengthened?</i>	Excellent	058 2nd
Ms Elizabeth A Pienoski Grade: 08 840 Robinwood Ave, Sheffield Lake OH 44054 <i>Project Title: Oil slicks</i>	Excellent	

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County Lucas

SCHOOL: Central Catholic

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Ms Taylor N Sawyer Grade: 10 Individual 2358 Wilesden Green, Toledo OH 43617 <i>Project Title: Ethanol - Is it worth our time and money?</i>	Superior	139 3rd
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Mr Andrew F Troy Grade: 10 Individual 1330 Harvard Blvd, Toledo OH 43614 <i>Project Title: What kind of material used in a parabolic trough absorbs the most heat?</i>	Superior	
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SCHOOL: Gesu

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Ms Hannah L Randolph Grade: 08 2856 Kenwood Blvd, Toledo OH 43606 <i>Project Title: How does the shape of a building affect its strength?</i>	Superior	061 2nd 154 1st
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SCHOOL: Lial

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Ms Elizabeth A Bancroft Grade: 07 25754 Cherbourg Ln, Perrysburg OH 43551 <i>Project Title: Effects of temperature on tennis ball bounce</i>	Superior	067 3rd 154 1st
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Ms Jessica A Schuster Grade: 08 Individual 3101 Co Rd H, Swanton OH 43558 <i>Project Title: Memory and the senses</i>	Excellent	
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SCHOOL: Little Flower

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Ms Lindsay M Clark Grade: 07 Individual 1806 Harlan Rd, Toledo OH 43615 <i>Project Title: What works best to remove stains?</i>	Superior	
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Mr Nick J Kelsey Grade: 07 Individual 1848 Atwood, Toledo OH 43615 <i>Project Title: Concrete...is it important?</i>	Excellent	
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Mr Blake J Mielcarek Grade: 07 Individual 6212 Applegate, Toledo OH 43615 <i>Project Title: Model turbine</i>	Superior	183 2nd 154 1st
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County Lucas

SCHOOL: Notre Dame Academy

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Francesca N Edinger **Grade: 07** Superior
 2252 Westbrook, Toledo OH 43613
Project Title: How do ripe apples affect the time it takes a pear to ripen?

Ms Kerigan S McNamara **Grade: 07** Superior
 7419 Coder Rd, Maumee OH 43537
Project Title: How do age and gender affect memory?

SCHOOL: Ohio Virtual Academy

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Emily G Flower **Grade: 10 Individual** Superior
 639 S Everett Ave, Columbus OH 43213
Project Title: Garlic: Curiously strong

SCHOOL: St Joseph

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Andrew J Boellner **Grade: 07 Individual** Superior
 5110 Smith Rd, Ottawa Lake OH 49267
Project Title: What kind of salt melts ice the fastest?

Ms Gwen B Brassell **Grade: 08 Individual** Excellent
 11030 Lakeview Dr, Whitehouse OH 43571
Project Title: Which retardant inhibits fire most effectively?

Ms Marissa L Fernandez **Grade: 07** Excellent
 5217 Coldstream Rd, Toledo OH 43623
Project Title: Does age affect short term memory?

Ms Christina E Hoehn **Grade: 07 Individual** Excellent
 5549 Birch Hollow Ct, Sylvania OH 43560
Project Title: Is the five second rule true?

Mr Samuel P Johnson **Grade: 08 Individual** Superior
 2001 Thornapple Dr, Toledo OH 43614
Project Title: Windows and heat loss

Mr Matthew J Milz **Grade: 08 Individual** Excellent 087 3rd
 735 Oak Knoll Dr, Perrysburg OH 43551
Project Title: The good, the bad, and the ugly of the indoor air quality at St. Joseph Catholic School

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Ms Mary C Zavell Grade: 07 Individual Superior 084 1st 154 1st
 5104 Shadywood Ct, Sylvania OH 43560
Project Title: What finishing product protects a surface the best?

Ms Molly C Ziemkiewicz Grade: 07 Excellent
 4403 Tamworth Rd, Sylvania OH 43560
Project Title: Do hot tubs soothe or strain your heart?

SCHOOL: St Patrick Of Heatherdowns

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Michael H Czerniakowski Grade: 08 Individual Excellent
 1638 Fallbrook Rd, Toledo OH 43614
Project Title: The physics of cheating in baseball

Mr Anthony C Drouillard Grade: 08 Excellent
 2240 Tanglewood Dr, Toledo OH 43614
Project Title: How does height and angle affect the speed of roller coasters?

Mr Christopher T Field Grade: 08 Individual Superior
 123 Amherst Dr, Toledo OH 43614
Project Title: Which light bulb works best?

Ms Jordan R Giovannucci Grade: 08 Individual Excellent
 628 Midfield, Maumee OH 43537
Project Title: Is salsa corrosive?

Mr Jacob M Hansen Grade: 08 Individual Superior 070 HM 154 1st
 2604 Green Valley Dr, Toledo OH 43614
Project Title: Harnessing the wind

Mr Eric P Hipp Grade: 08 Individual Superior
 2055 McIntosh Dr, Holland OH 43528
Project Title: Which lubricant creates the least amount of friction?

SCHOOL: Sylvania Franciscan Academy

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Destinee N Battle Grade: 07 Individual Superior 051 3rd 154 1st
 29 Fountain Dr, Holland OH 43528
Project Title: A beauty and a beast: Purple loosestrife growing in the U.S.

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Ms Diamond N Battle Grade: 07 Individual Superior 079 HM 154 1st
 29 Fountain Dr, Holland OH 43528
Project Title: Down and dirty: The effects of worms on grass

Ms Naveena M Luke Grade: 07 Individual Superior
 8764 Birch Bark Dr, Sylvania OH 43560
Project Title: Chemical vs. Filter

Ms Sara Mohamed Grade: 07 Individual Excellent
 3935 Fairwood Dr, Sylvania OH 43560
Project Title: Light and houseplants

SCHOOL: Sylvania Southview HS

Harold C. Shaw Outstanding
 School Award

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Dylan C Byers Grade: 11 Individual Superior 023 1st
 3312 Waldmar Rd, Toledo OH 43615
Project Title: The effects of familiarity on the frequency of laughter in groups

Mr Robert W Ellis Grade: 10 Individual Excellent
 4525 Holt Rd, Sylvania OH 43560
Project Title: The effects of Faraday's law on the production of energy within a car's driveshaft

Ms Elizabeth H Engoren Grade: 12 Superior 019 SCH 023 1st 087 1st
 2702 Joelle Dr, Toledo OH 43617
Project Title: The effects of selective estrogen receptor modulators (SERMs) on phenotype and fecundity in developing apterous Drosophila melanogaster

Ms Julia Hu Grade: 11 Individual Superior 134 2nd 171 SCH
 2343 Poplar Ct, Sylvania OH 43560
Project Title: Electrochemical studies of novel quinones through cyclic voltammetry

Ms Marie Hu Grade: 12 Individual Superior 201 1st
 2343 Poplar Ct, Sylvania OH 43560-8948
Project Title: The promoting effect of high fat diet on lymphoma

Mr Chad M Liber Grade: 11 Individual Superior
 7725 Big Bend Ct, Sylvania OH 43560
Project Title: The effects of various bipolar plates on the efficiency of proton exchange membrane hydrogen fuel cells

Mr Adrian J Ng Grade: 12 Individual Superior 011 2nd
 7432 Country Meadow Ct, Sylvania OH 43560
Project Title: The effect of controlled ventilation on the reduction of vortex shedding

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County Lucas

- Ms Alice L Ou Grade: 10 Individual Superior 200 2nd**
 2252 Elks Run, Toledo OH 43617
Project Title: The effects of floral anthocyanin dyes on the energy conversion efficiency of a dye-sensitized solar cell
- Ms Angela L Ou Grade: 12 Individual Excellent**
 2252 Elks Run, Toledo OH 43617
Project Title: The effect of the method of instruction on the speed and accuracy of building a kinesthetic model
- Ms Hilary R Parlette Grade: 11 Individual Excellent**
 7548 Red Pines Dr, Sylvania OH 43560
Project Title: The effects of increased heart rate through various running intensities on cortisol levels
- Mr Ankit Prasad Grade: 11 Individual Superior**
 4825 New England Ln Apt 34, Sylvania OH 43560
Project Title: The effect of ultra-tensile wire reinforcement on the impact resistance and tensile strength of recycled plastics
- Ms Maya Ratnam Grade: 12 Individual Superior 145 3rd 148 1st 203 1st**
 2266 St Roberts Ln, Toledo OH 43617
Project Title: The direct action of Rapamycin on skin fibroblasts is profibrotic through activation of TGF-beta/Smad3
- Mr Kamran Salari Grade: 11 Individual Superior 055 HM**
 7144 Cloister Rd, Toledo OH 43617
Project Title: A comparison of different lossy image compression techniques on quality and size of natural images
- Mr Sushil P Sudershan Grade: 11 Individual Superior 028 1st**
 4820 Wickford Green Rd Apt 2, Sylvania OH 43560
Project Title: The effect of a computer taught lesson plan versus a book taught lesson plan on long term memory
- Ms Hollis M Williams Grade: 12 Individual Superior**
 4553 Weldwood Ln, Sylvania OH 43560
Project Title: A comparison study between competitive swimming performance and swimmer's BMI
- Mr Justin C Yang Grade: 11 Individual Superior**
 9081 Stonybrook Blvd, Sylvania OH 43560
Project Title: Economic input-output life cycle assessment of Sylvania Southview High School: Modeling environmental implications of operations

SCHOOL: Toledo Christian

- | Student's Name, Address, and Type of Project | OAS AWARD | Sponsored Awards (if any) |
|--|------------------|----------------------------------|
| Mr Matthew D Scherreik Grade: 11
1568 Cedar Ln, Bowling Green OH 43402
<i>Project Title: TDS in bottled water</i> | Excellent | 187 1st |
| Mr Lance R Wood Grade: 11 Individual
7460 Noward Rd, Waterville OH 43566
<i>Project Title: Conductivity change in temperature differences</i> | Excellent | |

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County Lucas

SCHOOL: Toledo Islamic Academy HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Yasmin G Abdel-Karim Grade: 09 Team Excellent
 4633 Clover Ln, Toledo OH 43623
Project Title: The effect of sugar as found in drinks on the amount of tooth decay

Mr Samer A Alkhalili Grade: 07 Individual Superior 070 3rd 154 1st
 4691 Fairway Ln, Sylvania OH 43560
Project Title: Solubility of carbon dioxide in water at various temperatures

Ms Suzie Y Smidi Grade: 09 Team Excellent
 4601 Whiteford Rd, Toledo OH 43623
Project Title: The effect of sugar as found in drinks on the amount of tooth decay

SCHOOL: Trinity Lutheran

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Adrienna M Plotner Grade: 07 Individual Excellent
 6315 S Fulton Lucas Rd, Swanton OH 43558
Project Title: Captain gravity and the wheel

Mr Andrew D Tracey Grade: 08 Individual Excellent
 8924 Angola Rd, Holland OH 43528
Project Title: Here comes the sun

SCHOOL: Whitmer HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Mike R Armstrong Grade: 09 Individual Good
 4158 Graceway, Toledo OH 43606
Project Title: Bacteria in grass versus bacteria in turf

Mr Aaron J Kramer Grade: 09 Individual Excellent
 2139 Rood St, Toledo OH 43613
Project Title: Tree rings

Mr Kevin R Leslie Grade: 09 Individual Superior 142 SCH
 4839 Boydson Dr, Toledo OH 43623
Project Title: The placebo effect

Ms Melissa L Thoman Grade: 09 Individual Excellent
 6033 Merle St, Toledo OH 43623
Project Title: Video games and their effect on blood pressure

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County Mahoning

SCHOOL: Chaney HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Brett W Wilson **Grade: 09** **Individual** Superior
 2622 Kirk Rd, Youngstown OH 44511
Project Title: Going green

SCHOOL: Choffin Career & Technical Center
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Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Michael J Giles **Grade: 11** **Individual** Excellent 001 2nd 205 HM
 1665 Medford Ave, Youngstown OH 44514
Project Title: The effects of temperature on the transpiration rate of Glycine max

SCHOOL: St Christine

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Shane W Conway **Grade: 08** **Individual** Superior 145 3rd 154 1st
 3418 Forty Second St, Canfield OH 44406
Project Title: Accelerating pain reliever dissolution

Ms Cali E Gialousis **Grade: 07** **Individual** Excellent
 3731 Castle Ct, Youngstown OH 44511
Project Title: The effects of acid rain on the germination of seeds

Mr Robert F Marsch **Grade: 08** **Individual** Good
 3415 White Beech Ln, Youngstown OH 44511
Project Title: Light up my world!

Mr Daniel T McBride **Grade: 08** **Individual** Excellent
 47284 Timber Run St, New Waterford OH 44445
Project Title: Varying voltage affecting the properties of D/C proximity sensors

Ms Kelly M McHenry **Grade: 08** **Individual** Excellent
 8125 St Rosario Pl, Canfield OH 44406
Project Title: Left handedness: Male vs. female

Ms Alyssa M Rafoth **Grade: 08** **Individual** Excellent
 3770 Fairway Dr, Canfield OH 44406
Project Title: The color preference of girls versus boys

SCHOOL: Volney Rogers JS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

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Ms Nicole K Miller **Grade: 07** **Individual** Superior
3422 S Wendover Cir, Youngstown OH 44511
Project Title: Safe and unsafe handling of food

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County Marion

SCHOOL: Marion Catholic Jr/Sr HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Mr Paul Baker Grade: 09 Individual 113 Grandview Ave, Delaware OH 43015 <i>Project Title: Which is a more effective rocket payload recovery system?</i>	Excellent	
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SCHOOL: Ridgedale Jr/Sr HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Ms Kierstan I Neagles Grade: 08 Individual 3103 East Dr, Marion OH 43302 <i>Project Title: Vermiposting</i>	Excellent	
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Ms Leah E Rogers Grade: 11 Individual 877 Woodlawn Dr, Marion OH 43302 <i>Project Title: Totally soil</i>	Superior	012 SCH 175 HM
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County Medina

SCHOOL: St Francis Xavier

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Regina M Bandwen **Grade: 07** **Individual** Superior
 5446 Appian Way, Wadsworth OH 44281
Project Title: The effects of color on taste perception

Mr John D Cloud **Grade: 07** **Individual** Excellent
 1109 Woodglen Cir, Medina OH 44256
Project Title: How safe is your baby in a fire?

Ms Angela Como **Grade: 08** **Individual** Excellent 080 2nd
 1232 Willowbend Dr, Medina OH 44256
Project Title: What is the trick to green fuel?

Mr Andrew J Damm **Grade: 08** **Individual** Excellent
 7434 Lafayette Rd, Lodi OH 44254
Project Title: The never ending giant soap film

Mr Ian B Edgley **Grade: 08** **Individual** Excellent
 7737 Spencer Lake Rd, Medina OH 44256
Project Title: How can the amount of bacteria found on kitchen dishwashing materials be reduced?

SCHOOL: Wadsworth HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Heather M Benya **Grade: 10** **Individual** Superior
 742 Woodcrest Dr, Wadsworth OH 44281
Project Title: Comparing soccer headgears' ability to absorb collision test

Ms Kathy M Duckworth **Grade: 11** **Individual** Excellent 205 HM
 375 Tulip Trl, Wadsworth OH 44281
Project Title: Is there really bacteria growing in your water bottle?

Mr Jacob R Gissinger **Grade: 10** **Individual** Superior 019 SCH 183 1st
 267 N Lyman St, Wadsworth OH 44281
Project Title: Pyranometrics: Optimizing ROI for solar systems in Ohio

Mr Zachary D McKee **Grade: 12** **Individual** Superior 011 1st 014 3-Alt 105 1SCH
 307 Third St, Wadsworth OH 44281
Project Title: Engineering and manufacturing a roller coaster utilizing innovative hydro-magnetic propulsion and levitation materials technology

Ms Mary L Stuhldreher **Grade: 10** **Individual** Superior 067 3rd 175 HM 142 SCH
 8173 Leatherman Rd, Wadsworth OH 44281
Project Title: Does your timber have timbre? Finding the best wood for Marimba bars

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County Medina

Mr Curtis M Taylor **Grade: 11** **Individual** Excellent 080 2nd 139 2nd 171 SCH
8305 Wilhite Dr, Wadsworth OH 44281
Project Title: Oil clean up 101

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County Miami

SCHOOL: Tippecanoe HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Ms Christina M Abboud Grade: 12 748 Oak Lea Dr, Tipp City OH 45371	Superior	148 2nd
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Project Title: MRSA carrier state in contact sport athletes vs. non contact sport athletes and non athlete students

Mr Steven R Chaney Grade: 09 Individual 630 Primrose Ln, Tipp City OH 45371	Excellent	
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Project Title: Calcite energy cell

Ms Kirsten M Linsenmeyer Grade: 12 Individual	Superior	142 SCH
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850 Elderwood Ave, Tipp City OH 45371

Project Title: The effects of magnetic fields on the population and genetics of Drosophila

Ms Carlee R Schaefer Grade: 12 Individual	Excellent	031 2nd
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3540 Teakwood Rd, Tipp City OH 45371

Project Title: Caffeine: How much is in your drink?

SCHOOL: Tippecanoe MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Mr Noah I Moody Grade: 07 Individual	Superior	032 3rd 154 1st
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1495 W Evanston Rd, Tipp City OH 45371

Project Title: How to grow bigger bluegills - con't.

SCHOOL: Troy Christian

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Ms Alicia C Gallagher Grade: 09 Individual	Excellent	
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447 Circle Dr, Greenville OH 45331

Project Title: Caffeine affects heart rate

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County Montgomery

SCHOOL: Archbishop Alter

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Evan K Albers **Grade: 10** **Individual** Excellent
 2413 Briggs Rd, Centerville OH 45459
Project Title: The data track spacing of different electronic media disks

Ms Emily M Cata **Grade: 09** **Individual** Excellent
 4840 Winding Creek Trail, Kettering OH 45429
Project Title: How does pH, alkalinity and chlorine contained within tap, spring and Miami River water affect the lifespan of Daphnia?

Ms Janey L Grubmuller **Grade: 10** **Individual** Excellent 108 1st
 6749 Swissway Dr, Dayton OH 45459
Project Title: Do higher gas octane levels result in better gas mileage and which octane level is the most cost effective?

Ms Lauren E Guerriero **Grade: 09** **Individual** Superior
 2242 Brookstream Ct, Miamisburg OH 45342
Project Title: Household ammonia as a plant fertilizer

Mr Jeremiah J Shaw **Grade: 09** **Individual** Superior 028 1st 148 1st
 3901 E Enon Rd, Yellow Springs OH 45387-1117
Project Title: Are auditory stimuli better retained than tactile stimuli?

Mr Matthew T Sill **Grade: 10** **Individual** Excellent
 717 E Stroop Rd, Kettering OH 45429
Project Title: What is the optimal type of wood to produce the most heat when burnt?

Ms Jordan E Templin **Grade: 10** **Individual** Superior 142 SCH
 1116 Roger Scott Dr, Bellbrook OH 45305
Project Title: Are fingerprint patterns hereditary by gender?

Ms Nicole M Tromp **Grade: 10** **Individual** Superior 134 HM
 2301 Wood Trails Ct, Dayton OH 45459
Project Title: Determining antacid effectiveness using chemical titration

SCHOOL: Bishop Leibold E & W Campus

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Alexander M Wright **Grade: 07** **Individual** Excellent
 279 Tamarack Trail, Springboro OH 45066
Project Title: Heat waste: Incandescent vs. compact fluorescent

Ms Alyssa M Zearley **Grade: 08** **Individual** Superior
 7372 Deep Woods Ct, Springboro OH 45066
Project Title: What components of fertilizer make algae grow fastest?

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County Montgomery

SCHOOL: Brookville HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Laura M Bendula Grade: 12 Individual 8752 Pleasant Plain Rd, Brookville OH 45309 <i>Project Title: Can personality be determined from handwriting?</i>	Superior	001 1st 014 2-Alt 204 1st

SCHOOL: Carroll HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Jennifer C Batty Grade: 12 Team 1145 Creighton Ave, Dayton OH 45420 <i>Project Title: The effects of electromagnetism on the competency of E. coli</i>	Superior	075 1st
Mr Ryan W.D. Blanford Grade: 09 Individual 75 Renaissance Woods Ct, Xenia OH 45385 <i>Project Title: Harvesting the wind</i>	Excellent	159 1st
Mr Phillip O Bridges Grade: 09 Individual 2162 Bandit Trail, Beavercreek OH 45434 <i>Project Title: Broken towers</i>	Excellent	
Mr Michael G Chapman Grade: 12 4315 Beach Haven Ct, Dayton OH 45424 <i>Project Title: Magnet field manipulation motor</i>	Superior	014 SCH 059 1st 153 1st
Mr Benjamin J Coffey Grade: 11 Individual 523 Johnson Dr, WPAFB OH 45433 <i>Project Title: The Fibonacci sequence: Integration between numbers and nature</i>	Superior	142 SCH
Ms Chelsea E Coffey Grade: 09 Individual 523 Johnson Dr, WPAFB OH 45433 <i>Project Title: Winglet lifting effects on airfoils</i>	Superior	
Mr Michelle M Di Biase Grade: 10 Individual 249 Yorkshire Ln, Xenia OH 45385 <i>Project Title: The effectiveness of various items against ultraviolet radiation</i>	Superior	148 1st 165 2nd 175 1st 142 SCH
Mr Darren J Nash Grade: 09 Individual 4309 Burchdale St, Kettering OH 45440 <i>Project Title: Which running surface is best for injury prevention?</i>	Superior	142 SCH
Ms Jacqueline M Nunner Grade: 12 Team 2389 Meadowgreen Dr, Beavercreek OH 45431 <i>Project Title: The effects of electromagnetism on the competency of E. coli</i>	Superior	075 1st

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Mr Howard E Poston	Grade: 11 Individual	Excellent	023 1st 055 1st 147 3SCH 173 1st 194 SCH 204 1st
297 Narrows Trace, Xenia OH 45385 <i>Project Title: Testing for inconsistencies: Benford's law and data</i>			
Mr Robert C Ryan	Grade: 09 Individual	Superior	142 SCH
2021 Indian Ripple Rd, Xenia OH 45385 <i>Project Title: Ethanol economics</i>			
Ms Amanda M Smith	Grade: 09 Individual	Excellent	028 2nd
2168 Hunters Ridge Blvd, Beavercreek OH 45434 <i>Project Title: Social contract: Ethical theory</i>			
Ms Jennifer A Smith	Grade: 10 Individual	Excellent	145 2nd
2168 Hunters Ridge Blvd, Beavercreek OH 45434 <i>Project Title: Running gait</i>			
Ms Elyse N Stachler	Grade: 11 Individual	Excellent	183 3rd
2186 Green Springs Dr, Kettering OH 45440 <i>Project Title: The effects of used vegetable oil in compost</i>			
Ms Katrina L Staker	Grade: 11 Individual	Superior	
3542 Woodgreen Dr, Beavercreek OH 45434 <i>Project Title: Speed of sound in soil</i>			

SCHOOL: Centerville HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Jack E Gallagher	Grade: 10 Individual	Superior
6131 Marshall Rd, Centerville OH 45459 <i>Project Title: How do different pollutants affect the dissolved oxygen of water?</i>		

SCHOOL: Chaminade Julienne

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Rachael K Bridgman	Grade: 10	Superior
4100 Tam O Shanter Way, Kettering OH 45429-1279 <i>Project Title: The effects of the tributaries on the great Miami River's fecal coliform levels</i>		
Ms Molly E Bruggeman	Grade: 10 Individual	Excellent
220 Volusia Ave, Dayton OH 45409 <i>Project Title: The relationship between the chemical analysis of rainwater and plant growth</i>		
Ms Nicci K Dresden	Grade: 10 Individual	Superior
725 Chaucer Ln, Tipp City OH 45371 <i>Project Title: The effect of temperature on a tennis ball's bounce</i>		

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Ms Taylor M Dufresne Grade: 10 Individual Good 175 HM

3772 Skyline Dr, Beaver creek OH 45432

Project Title: Do genetics effect fingerprints?

Mr Joshua A Marshall Grade: 09 Individual Excellent

319 Willowwood Dr, Dayton OH 45405

Project Title: The perfect balance point

Ms Lauren T Porter Grade: 10 Individual Excellent 031 3rd 169 5th

9144 Wellbaum Rd, Brookville OH 45309

Project Title: Density's relation to the amount of calories in a food substance

Ms Sarah M Shanks Grade: 10 Individual Superior 080 3rd

805 Devonshire Rd, Dayton OH 45419

Project Title: How do the construction and processes of bioreactor landfills compare to the construction and processes of dry landfills?

Ms Aubrey I Stamper Grade: 11 Individual Excellent

1808 Fieldstone Dr, Dayton OH 45414

Project Title: How color affects a fish's eating pattern

Ms Janine M Steffan Grade: 10 Individual Superior

829 Laurelwood Rd, Kettering OH 45419

Project Title: What detergent is able to aid in the extraction of the highest quantity of DNA from kiwi fruit?

SCHOOL: Dayton Christian School

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Ellen R Booher Grade: 11 Individual Excellent 023 1st

7300 Conservancy Rd, Germantown OH 45327

Project Title: Insulated footsies: Which sock is the best thermal insulator - wet & dry?

Ms Hannah R Combs Grade: 08 Individual Superior

396 W Pekin Rd, Lebanon OH 45036

Project Title: How do light and darkness affect the growth of mushrooms?

Ms Miranda E Cunningham Grade: 10 Individual Superior 142 SCH

9229 Upper Lewisburg Salem Rd, Brookville OH 45309

Project Title: Numbers, shapes or both

Mr Patrick A Edinger Grade: 08 Individual Superior

1824 E Lower Springboro Rd, Waynesville OH 45068

Project Title: Heat output of diesel, kerosene and biodiesel

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Mr Michael A Gord	Grade: 09 Individual	Superior			
3877 Fernwald Dr, Dayton OH 45440-3439					
<i>Project Title: Optical detection of hazardous materials for homeland security: phase II</i>					
Mr Bryan P Grove	Grade: 10 Individual	Superior	059	4th	
55 College Hill Terrace, Springboro OH 45066					
<i>Project Title: Submarine hydrodynamics</i>					
Mr Andrew J Hendricks	Grade: 08	Superior			
1363 N Church St, Bellbrook OH 45305					
<i>Project Title: Perfected propeller tests</i>					
Mr Nathan T Hendricks	Grade: 10 Individual	Superior	059	5th	204 1Alt 142 SCH
1363 N Church St, Bellbrook OH 45305					
<i>Project Title: Optimized propeller tests</i>					
Mr Chris J Hsu	Grade: 10 Individual	Superior			
2350 Severn Ln, Centerville OH 45459					
<i>Project Title: Rubik's cube robot</i>					
Ms Stephanie J Hsu	Grade: 08 Individual	Superior			
2350 Severn Ln, Centerville OH 45459					
<i>Project Title: Sea plants, saltwater and the nitrogen cycle</i>					
Mr Sun Hyung Lee	Grade: 11 Individual	Superior			
1601 Cambridge Dr, Middletown OH 45042					
<i>Project Title: Why candy reacts with carbonated drink?</i>					
Ms Elizabeth G McKinney	Grade: 10 Individual	Excellent			
3616 Tait Rd, Kettering OH 45439					
<i>Project Title: What pollutant kills the best?</i>					
Mr J. Michael Rarick	Grade: 08 Individual	Excellent			
6941 Eastpoint Ct, Centerville OH 45459					
<i>Project Title: Harnessing the energy of the wind</i>					
Mr Nicholas J Reis	Grade: 08 Individual	Excellent			
7560 Pine Frost Dr, Centerville OH 45459					
<i>Project Title: Backbreakers</i>					
Mr Jason D Roos	Grade: 10 Individual	Superior	204	2Alt	142 SCH
4343 Crownwood Ave, Dayton OH 45415					
<i>Project Title: Can a data feedback loop aid a robot in the navigation of a maze?</i>					

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Mr Ethan C Schimmels Grade: 08 Individual Superior 178 1st 154 1st
 1325 Nettie Dr, Miamisburg OH 45342
Project Title: Maximum energy, maximum motion, maximum mousetrap

Ms Jennifer M Schimmels Grade: 11 Individual Superior
 1325 Nettie Dr, Miamisburg OH 45342
Project Title: Electricity and crystal growing

Mr Jordan L Thomson Grade: 08 Individual Excellent 139 3rd
 3243 Fairway Dr, Kettering OH 45409-1213
Project Title: Gasoline or ethanol?

Mr Christopher C Tubb Grade: 09 Individual Superior
 465 Thomas Dr, Springboro OH 45066
Project Title: Does barrel length affect the distance of a projectile?

SCHOOL: Dominion Academy of Dayton

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Alyssa G Ferdelman Grade: 09 Individual Excellent
 2982 Armen Ave, Kettering OH 45432-3733
Project Title: Low density solar applications: Which battery works best

Mr Peter A Gordnier Grade: 08 Individual Excellent
 26 Cameron Cir, Centerville OH 45459
Project Title: The effect of terrain on mealworms

Ms Esther I Hwang Grade: 10 Individual Superior
 2242 Spahr Rd, Xenia OH 45385
Project Title: A hand painted catalyst vs. a hot pressed MEA

Ms Johanna R Schmitz Grade: 09 Individual Excellent
 4097 Summerfield Dr, Beavercreek OH 45432-1881
Project Title: Must man munch moldy muffins?

SCHOOL: Hadley E Watts MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Alex C Broadstock Grade: 08 Individual Superior
 1816 Provincetown Rd, Dayton OH 45459
Project Title: What materials are best at soundproofing?

Ms Pallavi Oruganti Grade: 08 Individual Superior
 5785 Stone Lake Dr, Centerville OH 45429
Project Title: Biodegradable plastics

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County Montgomery

SCHOOL: Incarnation

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Philip A Dworkin **Grade: 07** **Individual** Superior
 7790 Cliffview Ct, Centerville OH 45459
Project Title: The effects of vinegar on dyeing egg shells

Ms Sarah M Finke **Grade: 08** **Individual** Superior
 9753 Rose Arbor Dr, Centerville OH 45458
Project Title: Which liquid best removes the spicy taste of foods from the mouth?

Ms Corri E Johnson **Grade: 08** **Individual** Excellent
 15 Perth Ct, Springboro OH 45066
Project Title: What amount of temperature will result from the greenhouse effect?

Mr Nate J Kinsella **Grade: 08** **Individual** Excellent 108 2nd
 1237 Hidden Oaks Dr, Centerville OH 45459
Project Title: Which type of motor oil will protect your engine the best?

Ms Megan E Kroger **Grade: 07** **Individual** Excellent
 6614 Hollowview Trail, Centerville OH 45459
Project Title: Does temperature affect how popcorn pops?

Mr Luke M Miller **Grade: 08** **Individual** Superior
 1411 Clear Springs Ct, Dayton OH 45458
Project Title: Memorization methods

Ms Emily E Nolan **Grade: 07** **Individual** Superior
 9660 Quailwood Trail, Centerville OH 45458
Project Title: Do left handers or right handers have faster reaction times?

Ms Christina R Perry **Grade: 07** **Individual** Excellent
 2831 Fence Stone Ct, Dayton OH 45458
Project Title: Does the Stroop effect vary with gender?

Ms Elizabeth M Ruff **Grade: 08** **Individual** Superior 034 1st 154 1st
 7889 Wilmington Dayton Rd, Dayton OH 45458
Project Title: How does blood sugar affect heart rate?

Ms Carly A Snyder **Grade: 07** **Individual** Superior 033 3rd 154 1st
 709 Cotton Ct, Centerville OH 45458
Project Title: Will bacteria grow more in the presence of aspartame or sugar?

Ms Mary E Switala **Grade: 08** **Individual** Excellent 028 3rd
 8734 Barrington Way, Springboro OH 45066
Project Title: Does multitasking impact the quality and quantity of work being done?

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Ms Alexa E Urbanic Grade: 08 Individual Excellent
 9210 Olde Woods Ct, Centerville OH 45458
Project Title: Can a person's height be measured by calculating their stride?

Mr Bryan J Von Der Vellen Grade: 07 Individual Superior
 10341 Black Birch Dr, Centerville OH 45458
Project Title: Do soccer players or non soccer players have a greater lung capacity?

Ms Christine A Zavakos Grade: 07 Individual Excellent
 393 Lightbeam Dr, Centerville OH 45458
Project Title: Does changing the pH level of a liquid affect how quickly a multi-vitamin dissolves?

Ms Rachel M Zavakos Grade: 07 Individual Excellent
 393 Lightbeam Dr, Centerville OH 45458
Project Title: Will a number one pencil or a number two pencil wear down faster?

Ms Kathryn E Ziegman Grade: 07 Individual Excellent
 10062 Pebblestone Dr, Centerville OH 45458
Project Title: Do people blink more during sad, scary, funny or romantic movies?

Ms Emilia M Zywot Grade: 08 Individual Excellent
 9455 Lantern Way, Centerville OH 45458
Project Title: Will it make any difference in the elevation of a toy car if you change the magnetic force?

SCHOOL: Miami Valley Career Tech Ctr

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Sarah A Ramos Grade: 12 Individual 203 Westview, Arcanum OH 45304 <i>Project Title: Does the female athlete triad exist in non athletes?</i>	Excellent	034 3rd

SCHOOL: St Albert The Great

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Lauren M Blommel Grade: 07 Individual 908 Cottonwood Rd, Kettering OH 45419 <i>Project Title: Disturbing electromagnetic fields</i>	Good	
Ms Kateri M Dillon Grade: 08 Individual 349 Chatham Dr, Kettering OH 45429 <i>Project Title: At what age can children see from another's perspective?</i>	Superior	028 2nd 154 1st

SCHOOL: St Peter

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Ms Tianna M Bailey Grade: 08 Individual Excellent
 5749 Chukar Dr, Dayton OH 45424
Project Title: Which light condition affects the growth of crystals?

Mr Kevin R Miller Grade: 08 Individual Excellent
 1280 Snider Rd, New Carlilse OH 45344
Project Title: The best glide

Ms Erin A Warfield Grade: 08 Individual Excellent
 6232 Wellington Pl, Dayton OH 45424
Project Title: How does one's vision and smell affect one's taste?

SCHOOL: Stebbins HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Lee F Mondini Grade: 11 Team Excellent
 5737 Hunters Ridge Rd, Dayton OH 45431
Project Title: Air cannon of science

Mr James T Prater Grade: 12 Team Excellent
 514 Travis Dr, Dayton OH 45431
Project Title: Air cannon of science

SCHOOL: Thurgood Marshall HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Emory J Beck-Millerton Grade: 10 Individual Excellent
 54 Cambridge Ave, Dayton OH 45406
Project Title: Light and heat

Mr Richard D Melson Grade: 10 Individual Excellent
 310 Willowwood Dr, Dayton OH 45405
Project Title: Light intensity

Ms Dominique N Roberts Grade: 11 Team Superior 185 1st
 1009 Wawona Rd, Dayton OH 45402
Project Title: Burn it up

Ms Amber C Sizemore Grade: 11 Team Superior 185 1st
 4218 Oakridge Dr, Dayton OH 45417
Project Title: Burn it up

SCHOOL: Trotwood-Madison HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

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County Montgomery

Ms Rebekah L Ivie **Grade: 11 Individual** Superior 034 2nd 145 1st 142 SCH
 5852 Salem Bend Dr, Trotwood OH 45426
Project Title: The effect of polyphenols on neurodegeneration

SCHOOL: Van Buren MS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Zachary S Jarrell **Grade: 08 Individual** Excellent
 3209 Atherton Rd, Kettering OH 45409
Project Title: Which insulation is the most effective?

Ms Mary C MacLean **Grade: 08 Individual** Excellent 136 HM
 712 Talbott Dr, Kettering OH 45429
Project Title: The dirt on dirt: A comparison of natural additives to clay soil

SCHOOL: Wayne HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Gregory R Colvin **Grade: 11 Individual** Superior 059 3rd 204 1st
 4522 Willow Mist, Dayton OH 45424
Project Title: Wind energy

Mr Jeremy R Fichtenbaum **Grade: 11 Individual** Excellent
 4514 Willow Mist Dr, Dayton OH 45424
Project Title: Maximum production of carbon dioxide

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County Muskingum

SCHOOL: Bishop Fenwick

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Matthew J Baker Grade: 08 Individual Superior
2025 Forest Park Dr, Nashport OH 43830
Project Title: Mass and model rockets

Mr Thomas E Boggs Grade: 07 Individual Excellent
450 King Arthur Dr, Zanesville OH 43701
Project Title: Reflection and absorption of visible light in liquids

Mr Johnathan M Maclean Grade: 07 Individual Excellent
5305 Adamesville Rd, Zanesville OH 43701
Project Title: Centrifuge

Ms Megan C Nash Grade: 08 Individual Superior
4740 Tranquility Ln, Zanesville OH 43701
Project Title: Electroplating a metal using different pH solutions

Ms Rachel B Nash Grade: 08 Individual Superior
3500 Dresden Rd, Zanesville OH 43701
Project Title: The viscosity of various liquids

Ms Myriah P Repuyan Grade: 08 Individual Excellent
1800 Laurel Valley Dr, Zanesville OH 43701
Project Title: How much energy is stored in different types of food?

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County Paulding

SCHOOL: Paulding HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Andrew B Favorito **Grade: 09** **Individual** Excellent

420 N Main St, Paulding OH 45879

Project Title: In the absence of amusia, how great is the effect of instrumental music training on the occurrence of a tin ear?

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County Perry

SCHOOL: Holy Trinity

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Haley A Underwood **Grade: 08** **Individual** Excellent

PO Box 69, Somerset OH 43783

Project Title: What is the best way to filter polluted water?

SCHOOL: Sheridan MS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Caleb C Heidenreich **Grade: 07** Superior

14044 Twnshp Rd 30, Mt Perry OH 43760

Project Title: Reflection of light

Ms Anastasia M Johnson **Grade: 08** Excellent

Individual

6705 SR 22, Rushville OH 43150

Project Title: A solar heating and cooling device for the home

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County Pickaway

SCHOOL: Everts MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Christian C Acosta Grade: 07 Team Excellent
 523 Glenmont Dr, Circleville OH 43113
Project Title: Whose mouth is dirtier: dog's or human's?

Mr Kyle M Brooks Grade: 07 Team Excellent
 1020 Atwater Ave, Circleville OH 43113
Project Title: Whose mouth is dirtier: dog's or human's?

SCHOOL: Teays Valley HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Alice Beckman Grade: 10 Individual Excellent
 5635 Thompson Rd, Ashville OH 43103
Project Title: The effect of exercise on weight gain in rabbits

Mr Justin E Branham Grade: 11 Individual Excellent
 15714 Ett-Noecher Rd, Ashville OH 43103
Project Title: Percentage of water in fruits

Mr Ray F Deusenberry Grade: 11 Individual Superior 079 HM 087 2nd
 17 Ashton Dr, Ashville OH 43103
Project Title: Going green: what are the effects of heavy metals in residential city water on environmental plant growth?

Ms Jackie L Fuller Grade: 10 Team Excellent
 35 Walnut St, Ashville OH 43103
Project Title: How temperature affects the pitch of musical instruments

Ms Megan R Gallaher Grade: 09 Individual Superior 080 HM 108 2nd 139 2nd
 2935 Cornstalk Ave, Ashville OH 43103
Project Title: How much energy stored in plastic do we throw away?

Ms Samantha O Johnson Grade: 11 Individual Superior 142 SCH
 9700 SR 752, Ashville OH 43103
Project Title: The temperature most effective in the anaerobic digestion of manure

Mr David F Lowry Grade: 09 Individual Superior
 12685 Commercial Point Rd, Ashville OH 43103
Project Title: The ability of sheep wool to retain heat as an insulator

Ms Connie L Montoney Grade: 09 Individual Excellent 055 2nd
 8723 SR 762, Orient OH 43146
Project Title: The effects of web browsers on the loading time of web pages

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County Pickaway

Mr Aaron R Perrill Grade: 10 Individual Excellent
 12123 Walnut Creek Pk, Ashville OH 43103
Project Title: What minimum inhibitory concentration of disinfectant kills bacteria best?

Ms Katharyn N Saltsman Grade: 10 Team Excellent
 4664 Fosnaugh School Rd, Amanda OH 43102
Project Title: How temperature affects the pitch of musical instruments

Mr Corey R Stevenson Grade: 10 Individual Excellent
 2585 Bridlewood St, Circleville OH 43113
Project Title: The effects of tea on plant growth

Ms Sarah L Strait Grade: 09 Individual Excellent
 18557 Ringgold So Rd, Circleville OH 43113
Project Title: Which saddle pad keeps a horse the coolest

Ms Carley E Travis Grade: 11 Team Excellent
 11681 Wheeler Rd, Ashville OH 43103
Project Title: The effects of Triclosan on common bacteria

Ms Devyn M Visnic Grade: 11 Team Good
 5159 Horseshoe Dr S, Orient OH 43146
Project Title: The effect of energy drinks on plants

Ms Mary E Ward Grade: 11 Team Excellent
 1782 Cedar Hill Rd, Amanda OH 43102
Project Title: The effects of Triclosan on common bacteria

Ms Abbie K Webb Grade: 11 Team Good
 15591 Turney Caldwell Rd, Circleville OH 43113
Project Title: The effect of energy drinks on plants

SCHOOL: Teays Valley MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Evan M Faler Grade: 08 Individual Excellent
 9559 Ashville Fairfield Rd, Ashville OH 43103
Project Title: The affects of environmental stress on plant symmetry

Mr Lane A Hedrick Grade: 07 Individual Excellent
 17134 Cromley Rd, Ashville OH 43103
Project Title: Horse feed and water absorption

Ms Erin P Hipwell Grade: 08 Individual Excellent
 7655 SR 752, Ashville OH 43103
Project Title: Lung capacity of athletes vs. non-athletes: who's the master of lung fu

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County Pickaway

Ms Sara E Toskin **Grade: 08** **Individual** Superior
8845 SR 752, Ashville OH 43103
Project Title: Growth spurt!

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County Pike

SCHOOL: Piketon Jr/Sr HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Laura S Bailey Grade: 11 Individual 207 Fitch St, Piketon OH 45661 <i>Project Title: A comparative analysis of nitrate detection methods</i>	Superior	134 3rd 187 1st
Mr Jon B Crace Grade: 11 Individual PO Box 97, Beaver OH 45613 <i>Project Title: Golf balls: the higher price the lower the score?</i>	Excellent	
Mr Cassidy A Fox Grade: 10 Individual 96 Buck Hollow Rd, Beaver OH 45613 <i>Project Title: Detecting vitamin C: A four year study</i>	Excellent	034 3rd 169 4th
Ms Taila J Hodge Grade: 08 Individual PO Box 908, Piketon OH 45661 <i>Project Title: Human battery: A third year project</i>	Superior	

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County Preble

SCHOOL: Tri-County North HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Ms Victoria G Flora Grade: 11 Individual 7118 Eaton Lewisburg Rd, Lewisburg OH 45338 <i>Project Title: Dog smarts: what's going on behind those puppy dog eyes?</i>	Superior	142 SCH
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Mr Aaron M Patrick Grade: 09 Individual 1822 Wear Miller Rd, Eldorado OH 45321 <i>Project Title: Cigarette smoke can mum's handle it?</i>	Superior	
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County Putnam

Ms Constance Letso Grade: 08 Individual Excellent 085 2nd
 13531 Rd 12, Ottawa OH 45875
Project Title: Forensic entomology

Ms Katelyn M Schneeg Grade: 08 Individual Excellent
 13497D Rd M, Ottawa OH 45875
Project Title: Insects and light attraction

SCHOOL: Miller City HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Brittany L Schroeder Grade: 10 Superior 142 SCH
 16228 Road H-13, Continental OH 45831
Project Title: Comparative analysis of water qualities of the Blanchard and Auglaize Rivers in Putnam County, Ohio

SCHOOL: Miller City MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Meagan L Giblin Grade: 07 Individual Superior 158 1st 154 1st
 5550 SR 109, Leipsic OH 45856
Project Title: What effect does wild oregano have on the destruction of different types of bacteria?

Ms Jessica M Leis Grade: 08 Individual Superior
 8001 Rd 16-C, Continental OH 45831
Project Title: Sugar content in apples

Ms Marissa G Schroeder Grade: 08 Excellent
 9523 SR 613, Leipsic OH 45856
Project Title: The effect of pinhole eyeglasses on vision deficiencies

SCHOOL: Ottawa ES

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Alison M Nash Grade: 08 Individual Excellent 087 1st
 5401 Rd I, Leipsic OH 45856
Project Title: Bacteria

SCHOOL: Ottoville HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Kara A Hoersten Grade: 07 Team Excellent
 17558 Rd 26, Ft Jennings OH 45844
Project Title: Keeping bacteria off cheese

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County Putnam

Ms Victoria R Jackson	Grade: 07	Team	Excellent	
18069 Cottonwood Dr, Ft Jennings OH 45844				
<i>Project Title: Keeping bacteria off cheese</i>				
Mr Edward A Luersman	Grade: 10	Individual	Superior	157 1st
16699 Rd 24, Ft Jennings OH 45844-9017				
<i>Project Title: Cloning: The micropropagation of African violets</i>				
Ms Audrey E Rieger	Grade: 07	Individual	Superior	
PO Box 40, Ottoville OH 45876				
<i>Project Title: I can't hear you! Absorbing, refracting and reflecting sound</i>				
Mr Derek J Schimmoeller	Grade: 07	Individual	Excellent	
15449 Rd 22, Cloverdale OH 45827				
<i>Project Title: Pitching: grips, kicks and velocity</i>				
Ms Abby L Siefker	Grade: 07	Individual	Superior	
PO Box 240, Ottoville OH 45876				
<i>Project Title: Bacteria blasters: herbs or antibiotics?</i>				

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County Richland

SCHOOL: Shiloh MS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Zachary T Arnold Grade: 07 Individual Excellent
4721 Townline 111, Plymouth OH 44865
Project Title: Smoke detectors: Optical vs. ionization

Ms Katharine L Brodzeller Grade: 07 Individual Excellent
3854 St Rte 603, Plymouth OH 44865
Project Title: Flight turned upside down

Ms Sherry A Brubaker Grade: 07 Individual Superior 032 2nd 154 1st
8090 Auburn Ctr Rd, Shelby OH 44875
Project Title: Vitamin C: Oranges

Mr Levi T Myers Grade: 07 Individual Superior
1325 Kastor Rd, Shiloh OH 44878
Project Title: Sandbagging

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County Ross

SCHOOL: Bishop Flaget

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Nathaniel J Dresbach **Grade: 08** Excellent
 13437 Marietta Rd, Kingston OH 45644
Project Title: Wings

Ms Paige A Lanning **Grade: 08** **Individual** Superior
 1244 Biers Run Rd, Chillicothe OH 45601
Project Title: Who has the best long term memory?

Ms Hannah M Littler **Grade: 07** **Individual** Superior
 1410 Alum Cliff Rd, Chillicothe OH 45601
Project Title: Attitude towards room color

SCHOOL: Paint Valley HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Rowan L Baird **Grade: 10** **Individual** Superior 079 HM 142 SCH
 1077 Massie Run Rd, Bainbridge OH 45612
Project Title: Watershed monitoring: Modeling the correlation of turbidity and precipitation intensity

Ms Khrista M Lightfoot **Grade: 09** Superior 142 SCH
 105 Davis Ln, PO Box 225, Bainbridge OH 45612
Project Title: All eyes on you

Ms McKenzie P Reutinger **Grade: 11** Superior 080 3rd 204 1st
Individual
 2255 Spargursville Rd, Bainbridge OH 45612
Project Title: Battle of the biodiesels

SCHOOL: Paint Valley MS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Logan P Ackley **Grade: 08** **Individual** Excellent
 511 Franklin Cir, Chillicothe OH 45601
Project Title: What affect does size have on memory?

Ms Elizabeth A Krech **Grade: 08** **Individual** Excellent
 4936 Owl Creek Rd, Frankfort OH 45628
Project Title: Does driving while talking on a cell phone affect reaction time?

Mr Jason W Nadeau **Grade: 08** **Individual** Excellent
 200 Shawnee St Apt 503, Bainbridge OH 45612
Project Title: Subliminal soda

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County Ross

Mr Silas E Pulliam Grade: 07 Individual Superior
 4848 US Rt 50, Bainbridge OH 45612
Project Title: I see Vitamin C

SCHOOL: Southeastern HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Christian M Pugh Grade: 09 Individual Excellent
 340 Jones Rd, Chillicothe OH 45601
Project Title: How does your garden grow?

SCHOOL: Unioto HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Emily E Irvin Grade: 10 Individual Superior
 843 Old Elm Rd, Chillicothe OH 45601
Project Title: Columns: The support of the world

SCHOOL: Unioto JS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Allison M Irvin Grade: 08 Individual Superior
 843 Old Elm Rd, Chillicothe OH 45601
Project Title: Who's there? Thermal expansion and contraction

Ms Andrea J Maier Grade: 08 Individual Good
 1079 Rinkliff Ln, Chillicothe OH 45601
Project Title: I'm not playing that! How mold grows on reeds

SCHOOL: Zane Trace HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Hannah R Cox Grade: 12 Individual Superior 019 SCH 033 3SCH 187 1st
 2614 Lick Run Rd, Chillicothe OH 45601
Project Title: Promoting GFP: A study on the effect of strength of different promoters on GFP (green fluorescent protein)

Ms Hannah B Snyder Grade: 10 Individual Excellent 169 8th
 241 Whisler Rd, Kingston OH 45644
Project Title: Nuts for nutrition: a comparison of calories produced from six different types of nuts

SCHOOL: Zane Trace MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

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County Ross

Ms Sarah M Cox Grade: 08 Individual Superior

2614 Lick Run Rd, Chillicothe OH 45601

Project Title: The purple defense: Grape antioxidants. A contrast study of antioxidant content in homemade jam, jelly and

Mr Tyler C Moore Grade: 07 Individual Superior

124 Mountainview Dr, Chillicothe OH 45601

Project Title: E85: friend or foe

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County Scioto

SCHOOL: Clay HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Katherine E Bauer Grade: 09 Individual Superior 079 3rd
 4261 Redinger Hollow Rd, Portsmouth OH 45662-6643
Project Title: Out with the old, in with the new

Ms Karleigh J Murnahan Grade: 08 Excellent
 1425 Linden Ave, Portsmouth OH 45662
Project Title: On the rise

Ms Sarah J Raies Grade: 07 Individual Superior 036 1st 154 1st
 2915 Noddin Way, Portsmouth OH 45662
Project Title: King recycler: The worm part IV

SCHOOL: Notre Dame Jr/Sr HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Janaki J Patel Grade: 11 Individual Superior
 3270 Chateau Dr, Portsmouth OH 45662
Project Title: Essential oils - nature's defense against disease

SCHOOL: Portsmouth HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr David P Pettit Grade: 10 Individual Superior
 2174 Eastwood Ln, Portsmouth OH 45662
Project Title: MRSA in health care settings

Mr Evan M Sommer Grade: 09 Individual Superior
 2334 Micklethwaite Rd, Portsmouth OH 45662
Project Title: Carbon footprint: The effect of electricity on global warming

SCHOOL: Valley MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Joshua H Stewart Grade: 08 Individual Superior
 218 Wiley Rd, Lucasville OH 45648
Project Title: Does the elastic potential energy in a rubber band affect the height of a matchbox car?

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County Seneca

SCHOOL: Columbian HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Shawnie A Boyer Grade: 11 Team 250 Greenfield St, Tiffin OH 44883 <i>Project Title: Personalities among twins and their siblings</i>	Excellent	
Ms Brianne L Cook Grade: 11 Team 681 S Twp Rd 159, Tiffin OH 44883 <i>Project Title: Graphology: Does personality affect handwriting?</i>	Excellent	
Ms Brittany L Cook Grade: 11 Team 681 S Twp Rd 159, Tiffin OH 44883 <i>Project Title: Graphology: Does personality affect handwriting?</i>	Excellent	
Ms Keeron S Ghose Grade: 10 Individual 2582 S Twp Rd 1177, Tiffin OH 44883 <i>Project Title: The effect of design on energy output from solar cells: The contribution of reflectors</i>	Excellent	
Ms Samantha M Miller Grade: 11 Team 328 Greenfield St, Tiffin OH 44883 <i>Project Title: Personalities among twins and their siblings</i>	Excellent	
Mr Jake A Stover Grade: 12 Individual 1955 E CR 36, Tiffin OH 44883 <i>Project Title: Household propellants</i>	Excellent	014 1-Alt 204 1st

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County Shelby

SCHOOL: Jackson Center HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Alexis D Lisle **Grade: 10** **Individual** Superior

614 Jackson St, Jackson Center OH 45334

Project Title: Crossed up: Does crossed hand/eye domination affect free throw shooting percentages?

SCHOOL: Lehman Catholic HS

**Harold C. Shaw Outstanding
School Award**

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Ellen O Berlekamp **Grade: 10** **Individual** Superior

1301 Port Jefferson Rd, Sidney OH 45365

Project Title: Capsaicin and microbial reactions

Ms Elizabeth S Galbreath **Grade: 12** Superior 080 3rd 091 1st
Individual

1314 Park Ave, Piqua OH 45356

Project Title: The effect of environmental pollutants on daphnia

Mr John Henry Hinders **Grade: 09** Excellent

702 Swailes Rd, Troy OH 45373

Project Title: Falling with style: Parachute canopy design

Ms Ciara J Sargeant **Grade: 10** **Individual** Superior

1782 Letitia Dr, Sidney OH 45365

Project Title: The effects of a chemical fertilizer on plant growth

Ms Brittany D Schaefer **Grade: 12** **Individual** Superior

651 Timberlea Trail, Sidney OH 45365

Project Title: The effect of polar and non-polar antioxidants on a protein found at an amphipathic site

Ms Anna M Wenning **Grade: 11** **Individual** Superior

4225 Patterson-Halpin Rd, Sidney OH 45365

Project Title: How to get the optimum solar heating of water flowing in coils

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County Stark

Ms Samantha M Loutzenheiser Grade: 11 Superior 058 2nd 106 2SCH 195 2nd
Individual

912 Valley Dr NW, N Canton OH 44720

Project Title: A study of the effects of varying formic acid concentrations on electrospun Bombyx mori silk nanofibers

Mr Jyotiraditya Sinha Grade: 12 **Individual** Superior 072 1ST 080 1st 195 1st 200 1st

3072 Pixley Cir NW, Uniontown OH 44685

Project Title: An EDTA-encapsulated nanofiber filtration device for eliminating divalent heavy metals from water

SCHOOL: Louisville HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Heidi B Babos Grade: 12 **Individual** Superior 031 1st 034 1st

1061 Century Hill St, Louisville OH 44641

Project Title: Analysis of methanol in aged home canned tomatoes: Health risk?

Mr Michael G Baker Grade: 11 **Individual** Superior 090 1st 132 SCH

320 Marion Ave S, Louisville OH 44641

Project Title: Effects of chemical road deicers sodium chloride (NaCl) and calcium chloride (CaCl₂) on soil cation exchanges within roadside ecosystems and the use of roadside wetlands to mitigate salt damages

Ms Caitlin G Duckworth Grade: 09 Excellent

915 Park Village Dr, Louisville OH 44641

Project Title: The effects of color on memorization

Mr Christian G Duckworth Grade: 09 Superior 142 SCH

Individual

915 Park Village Dr, Louisville OH 44641

Project Title: The effects of sleep on hand eye coordination and reaction time

Mr Wade M Feielin Grade: 09 **Individual** Excellent

1905 Tanglewood Cir, Louisville OH 44641

Project Title: The effects of luminosity and color on peripheral vision in people

Ms Marissa C Fullmer Grade: 09 **Individual** Excellent

211 S Silver St, Louisville OH 44641

Project Title: Distraction: The effects of music on concentration

Mr Travis P Gray Grade: 09 **Individual** Excellent

202 W Broad St, Louisville OH 44641

Project Title: The effects of magnesium anodes on pipe corrosion

Mr Jaron L Lohmeyer Grade: 09 **Individual** Superior

1300 Meese Rd, Louisville OH 44641

Project Title: The effect of alloy temperature on grain size

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County Stark

Mr Gregory J Raber Grade: 09 Individual Excellent
 5965 Daisy St, Louisville OH 44641
Project Title: An analysis of the effects of fabric flexibility on energy produced and frequency of vibration in wind belts

Ms Rebecca A Wyss Grade: 09 Individual Superior 146 2nd 142 SCH
 5765 Eastview St, Louisville OH 44641
Project Title: The short term effects of methyltheobromine on mood in college aged females

SCHOOL: Massillon MS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Chase L Clevenger Grade: 08 Individual Excellent
 420 16th St NE, Massillon OH 44646
Project Title: Fuel cell vs. gas engine

Mr Lane B Louive Grade: 08 Individual Excellent
 806 Hege Ct NE, Massillon OH 44646
Project Title: To breathe or not to breathe

Mr Connor J Smith Grade: 08 Individual Superior
 12355 Lincoln Way W, Massillon OH 44647
Project Title: Elasticity of rubber bands at different temperatures

SCHOOL: McKinley HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Ms Kristen E Entwistle Grade: 12 Individual Superior
 125 19th St NW, Canton OH 44709
*Project Title: Chemical analysis of lipid extracts in *Liasis mackloti**

SCHOOL: Minerva HS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Conor D Freeland Grade: 10 Individual Excellent
 1855 Whitacre Ave, Minerva OH 44657
Project Title: Glutamic acid decarboxylase and its function in the brain

Mr Matthew G Granger Grade: 11 Team Excellent
 431 N Market St, Minerva OH 44657
Project Title: The effectiveness of encryption algorithms

Mr Elliot E Hall Grade: 11 Team Excellent
 909 Lynnwood Dr, Minerva OH 44657
Project Title: The effectiveness of encryption algorithms

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County Stark

Mr Jeffrey K McPherson Grade: 12 Excellent 011 3rd
 2188 Leisure Rd NW, Minerva OH 44657
Project Title: The oral epidemic

Mr Christian A Wallenfelsz Grade: 10 Excellent
Individual
 202 Euclid Ave, Minerva OH 44657
Project Title: Speed of light

SCHOOL: Oakwood MS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Branavan V Ragunathan Grade: 08 Excellent
Individual
 5921 Beverly Ave NE, Canton OH 44721
Project Title: An analysis of various color's effects on an individual's math score on the S.A.T. exams

SCHOOL: Our Lady Of Peace

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Matthew J McGervey Grade: 08 Excellent
 955 Southmoor Cir NE, Canton OH 44721
Project Title: The effect of material properties on heat transfer

SCHOOL: Sandy Valley HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Maria E Diehl Grade: 07 Individual Superior
 7175 Ravenna Ave SE, Waynesburg OH 44688
Project Title: Music and the brain: Does music style affect test scores and times?

Mr Taylor J Diehl Grade: 09 Individual Excellent
 7175 Ravenna Ave SE, Waynesburg OH 44688
Project Title: How does temperature affect the length of a butterfly's metamorphosis?

SCHOOL: St Louis

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Angela A Grosswiller Grade: 07 Excellent 091 1st
 1116 Park Village Dr, Louisville OH 44641
Project Title: What's in your water?

Mr Seth L Lamp Grade: 07 Individual Excellent
 3930 Oakridge Dr NE, Louisville OH 44641
Project Title: How does age, gender and hand dominance affect the ability to solve Sudoku puzzles?

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County Stark

Ms Elaine K Souder Grade: 07 Individual Excellent
3000 Miday Ave, Louisville OH 44641
Project Title: Friction: Get a grip

Mr Michael L Thomas Grade: 08 Individual Excellent
5486 Oakridge Dr, Louisville OH 44641
Project Title: Are you brushing correctly?

Ms Jenelle L Vincent Grade: 08 Individual Superior
6061 Meese Rd, Louisville OH 44641
Project Title: Does hearing the music in Guitar Hero affect how well you play?

SCHOOL: St Paul

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Robert T Barbush Grade: 07 Individual Excellent
9310 Bletchley Ave NW, N Canton OH 44720
Project Title: Which ball travels the farthest when hit with a wooden bat?

Mr John J Flynn Grade: 07 Individual Superior
1104 Chelmsford St NW, N Canton OH 44720
Project Title: How does the placement of weight affect how fast a model car goes?

Mr Joshua M Ippolito Grade: 07 Individual Excellent
1935 Easton St NE, Canton OH 44721
Project Title: Does the type of light emitted from a light source affect the amount of energy produced by a solar panel?

Mr Garrett E Myers Grade: 07 Individual Excellent
9935 Kent Ave NE, Hartville OH 44632
Project Title: Under what conditions do Elodea sprigs survive best?

Mr Kevin D Riley Grade: 07 Individual Excellent
7293 Elmhurst Ave NW, N Canton OH 44720
Project Title: What are the affects of aspirin, Benadryl, calcium and vitamin C on plant growth?

Mr Lucas S Turgeon Grade: 07 Individual Excellent
1215 Coral Ave NW, N Canton OH 44720
Project Title: Which type of lubricant reduces friction the most?

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County Summit

Ms Jazmin M Johnson Grade: 07 Team Excellent
 644 Southampton Ct, Copley OH 44321
Project Title: Everyday bacteria!

Ms Sarah T Kornick Grade: 07 Team Excellent
 1954 Stockbridge Rd, Akron OH 44313
Project Title: Everyday bacteria!

Mr John K Scantling Grade: 07 Team Superior
 342 Barnstable Rd, Akron OH 44313
Project Title: Swish: the perfect shot

Mr Ben W Stocker Grade: 07 Team Superior
 4311 Idlebrook Dr, Akron OH 44333
Project Title: Swish: the perfect shot

SCHOOL: St Vincent St Mary

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Tyler R Chopko Grade: 11 Individual Excellent 169 3rd 032 2nd
 2435 Sourek Rd, Akron OH 44333
Project Title: A variability analysis of E. coli transference between common kitchen surfaces

Ms Colleen M Demboski Grade: 11 Superior 080 1st 083 3rd 086 SCH
 3187 Doves Crossing, Akron OH 44319
Project Title: What is the effect of fertilizer on water quality as seen by its effect on Daphnia magna?

Ms Kelsey M Lecerf Grade: 11 Individual Superior 030 1st 155 1st 192 1st
 701 Kensington Way, Copley OH 44321
Project Title: The effect of glutathione concentration on the duration of the feeding reflex in Hydra littoralis

Mr James D Lloyd Grade: 11 Individual Superior 019 SCH 132 SCH
 4467 Paradise Rd, Seville OH 44273
Project Title: The infection rates of Lagenidium in the algae spirogyra

Mr Jonathon J Stone Grade: 09 Individual Superior
 2009 Verde Ave, Akron OH 44314
Project Title: Data analysis: single pole pulse monitor

Mr Muhammad N Taha Grade: 11 Individual Excellent 002 1st 032 3rd
 446 Buttevant Dr, Munroe Falls OH 44262
Project Title: The effect of different wavelengths on the heliotropism of a Pisum sativum plant

Ms Abigail M Tanner Grade: 10 Individual Superior 204 1st 142 SCH
 764 Hancock Ave, Akron OH 44314
Project Title: The effects of creatine consumption on the protein concentration of Lumbricus terrestris

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County Summit

Ms Nora R Wisor Grade: 10 Individual Excellent 030 2nd 083 2nd
948 Skyside Dr, Clinton OH 44216
Project Title: Benthic macroinvertebrates as bioindicators of river water quality

SCHOOL: Walsh Jesuit

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Crystal M Boykin Grade: 12 Individual 3383 Faulkner Dr, Brunswick OH 44212 <i>Project Title: Plantastic bean sprout plastics</i>	Superior	032 2SCH 187 1st

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County Trumbull

SCHOOL: Hubbard HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Mr Jonathan P Franko Grade: 11 Individual	Good	
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448 E Liberty St, Hubbard OH 44425

Project Title: Are pollution levels affected by a creek's location

Mr Edward M Zitnik Grade: 10 Individual	Excellent	148 2nd
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255 Oak Knoll Dr, Hubbard OH 44425

Project Title: Changing bacteria: Are bacteria present on regular lunch money change?

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County Union

SCHOOL: Fairbanks MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Isaac R Leeds Grade: 07 Individual 8738 Marysville Rd, Ostrander OH 43061 <i>Project Title: What is the smartest animal?</i>	Excellent	

SCHOOL: Marysville MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Brandon R Dreiseidel Grade: 08 908 Sherwood Ave, Marysville OH 43040 <i>Project Title: Are hand dryers harmful?</i>	Excellent	
Mr James E Johnstone Grade: 07 Individual 303 W Fourth St, Marysville OH 43040-1129 <i>Project Title: Terrific trebuchets</i>	Excellent	147 3rd

SCHOOL: North Union MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr Riley D Hall Grade: 07 Individual 22913 Sandusky Rd, Marysville OH 43040 <i>Project Title: Agricultural water management: using subsurface agricultural drainage systems to retain water for drought</i>	Excellent	
Mr Dakota T Howell Grade: 07 Individual 13061 Kaiser Rd, Marysville OH 43040 <i>Project Title: Does speed affect lift</i>	Superior	

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County Warren

SCHOOL: Mason MS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Sanika D Barve Grade: 07 Individual 5744 Reflections Way, Mason OH 45040 <i>Project Title: Magna damper</i>	Superior	
Ms Kaitlin J Findley Grade: 07 Individual 7497 Alexandra Dr, Mason OH 45040 <i>Project Title: Worm composting</i>	Excellent	
Mr Alex R Holzer Grade: 08 Individual 4239 Serpentine Way, Mason OH 45040 <i>Project Title: Parachutes and how they fall</i>	Excellent	
Ms Aarti Kumar Grade: 07 Individual 3357 Surrey Ln, Mason OH 45040 <i>Project Title: Variables that affect natural battery output</i>	Excellent	067 2nd
Ms Abby K Lebowitz Grade: 08 Individual 8717 Charleston Woods Dr, Mason OH 45040 <i>Project Title: The perfect chocolate chip cookie</i>	Superior	
Mr Srikar Mylavarapu Grade: 08 Individual 4819 Sarah Dr, Mason OH 45040 <i>Project Title: Plant growth with music: Which type helps plants grow the most?</i>	Superior	033 1st 154 1st
Ms Jamie L Sobotka Grade: 08 Team 4357 Serpentine Way, Mason OH 45040 <i>Project Title: Retention basins</i>	Excellent	
Mr Matthew Tan Grade: 07 Individual 8308 Cherrydale Ct, Mason OH 45040 <i>Project Title: Bug power: Hydrogen gas from American cockroaches</i>	Superior	080 3rd 134 2nd 154 1st
Ms Kaeleigh C Warfield Grade: 08 Team 5431 Wheatmore Ct, Mason OH 45040 <i>Project Title: Retention basins</i>	Excellent	

SCHOOL: St Susanna

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Mr James T Breitenbach Grade: 07 6560 Bluegrass Way, Mason OH 45040 <i>Project Title: Do cars affect air quality?</i>	Superior	

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- Ms Allison K Caruso Grade: 07 Individual** Superior
 8090 Laurel Lake Ct, Liberty Twnshp OH 45044
Project Title: Does heredity influence fingerprint patterns?
- Ms Eva N Juszcyk Grade: 07 Individual** Excellent
 7850 Yellowwood Dr, Mason OH 45040
Project Title: Are we wasting our money on bottled water or is tap water just as healthy?
- Mr Brian T Keller Grade: 07 Team** Superior
 8307 Polo Trail Pl, West Chester OH 45069
Project Title: Electrolysis: Warm water vs. cold water
- Mr Ryan J Kime Grade: 07 Team** Superior
 8095 Winters Ln, Mason OH 45040
Project Title: Electrolysis: Warm water vs. cold water
- Ms Meghan N Stier Grade: 07 Individual** Excellent
 5439 Wheatmore Ct, Mason OH 45040
Project Title: How clean are the cafeteria tables after they've been washed?

SCHOOL: Waynesville HS

- | Student's Name, Address, and Type of Project | OAS AWARD | Sponsored Awards (if any) |
|--|------------------|----------------------------------|
| Mr Anthony D Di Mascio Grade: 12
4311 Laura Marie Dr, Waynesville OH 45068
<i>Project Title: Do lower thermal energy states of matter affect electrical conductivity?</i> | Superior | 183 2nd |
| Mr Michael V Di Mascio Grade: 10
4311 Laura Marie Dr, Waynesville OH 45068
<i>Project Title: Does wavelength affect the diffraction pattern of laser light?</i> | Superior | 142 SCH |

SCHOOL: Waynesville MS

- | Student's Name, Address, and Type of Project | OAS AWARD | Sponsored Awards (if any) |
|--|------------------|----------------------------------|
| Mr John R Bowling Grade: 07 Individual
8885 Michaela Ln, Waynesville OH 45068
<i>Project Title: Bleaches</i> | Superior | |
| Ms Jordan M Moore Grade: 07 Individual
644 Preston Dr, Waynesville OH 45068
<i>Project Title: It's cool, it's insulation!</i> | Excellent | |

SCHOOL: William Mason HS

- | Student's Name, Address, and Type of Project | OAS AWARD | Sponsored Awards (if any) |
|---|------------------|----------------------------------|
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County Warren

**Mr Alexander Chernyakhovsky Grade: 10 Superior 188 2nd 142 SCH
Team**

6411 Rosemont Ln, Mason OH 45040

Project Title: Biosimulation of Avian Influenza: from endemic to pandemic

Mr Raymond Tan Grade: 11 Individual Superior 053 1st 058 3rd 061 1st 106 3SCH

8308 Cherrydale Ct, Mason OH 45040-9434

Project Title: Repairing America's aging concrete highway bridges with cement bio-composites

Mr Tong Zhan Grade: 11 Team Superior 188 2nd 142 SCH

7940 Plantation Dr, Mason OH 45040

Project Title: Biosimulation of Avian Influenza: from endemic to pandemic

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County Washington

SCHOOL: St Mary

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
Ms Esther E Dehmlow Grade: 07 Individual 611 4th St, Marietta OH 45750 <i>Project Title: Poor pitch put to the test</i>	Superior	189 1st 154 1st
Ms Paige N Griffith Grade: 07 Individual 1201 Grindstone Dr, Marietta OH 45750 <i>Project Title: Break down and dissolving of calcium carbonate</i>	Excellent	
Ms Rachel E Nill Grade: 07 Individual 1140 Ash Rd, Marietta OH 45750 <i>Project Title: Acid rain: Pain or gain for plant growth?</i>	Superior	
Mr Michael S Reese Grade: 07 Individual 910 Colegate Dr, Marietta OH 45750 <i>Project Title: How does acid rain affect building materials</i>	Superior	
Ms Jenna R Yeomans Grade: 08 Individual 2100 Bear Creek Rd, Lowell OH 45744 <i>Project Title: Does live food help fish to thrive?</i>	Superior	030 HM 154 1st

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County Wayne

SCHOOL: Orrville JS

Student's Name, Address, and Type of Project OAS AWARD Sponsored Awards (if any)

Mr Benjamin J Lorson Grade: 08 Individual Superior

727 McGill St, Orrville OH 44667

Project Title: *What type of energy drink will most dramatically affect an athlete's heart rate during exercise?*

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County Williams

SCHOOL: Edon MS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Ms Rebecca D Fisk **Grade: 07** **Individual** Superior

05867 Co Rd M-50, Edon OH 43518

Project Title: The Stroop effect: The naming of color words printed in a non matching colored ink

SCHOOL: Hilltop HS

Student's Name, Address, and Type of Project **OAS AWARD** **Sponsored Awards (if any)**

Mr Cole R Clark **Grade: 08** **Individual** Excellent

13950 Rd 16, Pioneer OH 43554

Project Title: Which slug shoots better?

Mr Colten L Kuney **Grade: 11** **Individual** Superior 142 SCH

10398 CR 17-75, West Unity OH 43570

Project Title: Are natural medicines a viable substitute for modern medicine?

Mr Elliot D Livensparger **Grade: 12** **Team** Excellent

10242 CR 19-50, West Unity OH 43570

Project Title: The correlation between lung capacity, resting heart rate and aerobic fitness level

Mr Zachary I Rasey **Grade: 12** **Team** Excellent

704 E Jackson St, West Unity OH 43570

Project Title: The correlation between lung capacity, resting heart rate and aerobic fitness level

Ms Abigail J Styron **Grade: 11** **Individual** Superior 199 3rd

17555 CR 19, Alvordton OH 43501

Project Title: Does protein affect rabbit's growth rate?

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County Wood

Mr Shannon M Skarha Grade: 08 Individual Excellent

PO Box 5, 4611 E Sandusky St, W Millgrove OH 43467

Project Title: What did you say before?: Does gender affect verbal linguistic abilities?

Ms Nicole M Szparagowski Grade: 08 Superior
Individual

17491 Euler Rd, Bowling Green OH 43402

Project Title: It's hot, hot, hot

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County Wyandot

SCHOOL: Upper Sandusky HS

Student's Name, Address, and Type of Project	OAS AWARD	Sponsored Awards (if any)
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Mr Justin Outland Grade: 10 Individual 205 Duck Pond Dr, Upper Sandusky OH 43351 <i>Project Title: Deception in visual perception</i>	Excellent	
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Mr Alec P Stansbery Grade: 10 Individual PO Box 318, Upper Sandusky OH 43351 <i>Project Title: Harmony: a soul element of music</i>	Superior	028 2nd
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Ms Abby R Warfel Grade: 11 Individual 333 W Bigelow St, Upper Sandusky OH 43351 <i>Project Title: Does color affect the human mind?</i>	Excellent	199 5th
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