

Loc	Category	All Exhibitors	Gr	Project Title	School
A01	Aerospace	Ben Basarich	5	Extreme Rocket Science	Albert Cassens Elementary
A02	Aerospace	Samuel Brown	5	Which airplane design flies the	Gilson Brown Elem.
A03	Aerospace	Zach Hellickson	5	Airborne	Good Shepherd Lutheran School
A04	Aerospace	Jazlyn Kincannon	5	The Magic of Flight	Good Shepherd Lutheran School
A05	Aerospace	Tony Scatturo	5	Hover Away	Good Shepherd Lutheran School
A06	Aerospace	Cole Trost, Jacob Trost & Mackenzie Trost	8	What Makes a Good Aerodynamic Design for a Glider?	St Paul Catholic School
A07	Aerospace	Marshall Youngblood	7	How Does the Size of a Propeller Blade Affect the Thrust Produced?	St Francis Holy Ghost School
B01	Behavioral Science	Reesha Bievenue & Kyla Krause	6	The Science of Smiles	Marissa Elementary School
B02	Behavioral Science	Anna Boschert	7	How Sensitive is Your Tongue?	St Elizabeth School
B03	Behavioral Science	Mallory Buss & Haley Vernier	8	Does caffeine affect the speed of typing?	Waterloo Junior High School
B04	Behavioral Science	Katie Cronin & Emma Morrissey	8	Average by Comparison	St Ambrose Parish School
B05	Behavioral Science	Alex Davis & Jacob File	8	Yeah, I Can Talk	St Ambrose Parish School
B06	Behavioral Science	Peyton Dermody	7	Which Color Liquid Best Attracts Hummingbirds?	St Paul Catholic School
B07	Behavioral Science	Danielle Folkerts	7	Think Fast	St Elizabeth School
B08	Behavioral Science	Elena Gable & Lauren Puccini	8	The Way Heart Rate Makes Music Flow in Each Individual	SS Peter & Paul Catholic School
B09	Behavioral Science	Megan Grove	8	Do You Remember?	St Ambrose Parish School
B10	Behavioral Science	Natalie Halliday	8	The Sniffer Test	St. Mary's School
B11	Behavioral Science	Paris Hempen & Amy Krebs	8	You Can Talk The Talk	All Saints Academy
B12	Behavioral Science	Emily Holden & Leah Korte	8	Sniff Sniff, What Is It?	St Ambrose Parish School
B13	Behavioral Science	Emily Holmes & Emily McKee	8	Listen N Learn	St. Mary's School
B14	Behavioral Science	Grant Jackson & Austyn Krawiecki	6	The Basketball Project	Holy Family School
B15	Behavioral Science	Kirsten Kesler	8	Does Bubble Gum Affect the Human Memory	St Libory School
B16	Behavioral Science	Logan Kuhns & Logan Pursell	6	Big Game No Pain	Liberty Middle School
B17	Behavioral Science	Ian Mannino & Noah Thaggard	8	Does the Difference in Dog Breeds Affect the Individual Dog's Intellectual Ability to Locate a Tennis Ball Under	Waterloo Junior High School
B18	Behavioral Science	Emma Mattix-Wand	7	Are You Smarter Than a Seventh	Our Lady Queen of Peace School
B19	Behavioral Science	Emily Merz	8	Memory by Senses	St. John the Baptist Catholic School
B20	Behavioral Science	Mallory Meyer & Courtney Fallon	8	Which gender in more right or left brained?	Waterloo Junior High School
B21	Behavioral Science	John Nairn	7	Does Age Effect the Brain?	St Francis Holy Ghost School
B22	Behavioral Science	Justine Siew	6	The Effect of Moosic on Cows' Dairy Production	Eagle's Wing Academy
B23	Behavioral Science	Emily Smith	8	Beta Behavior	St Elizabeth School
B24	Behavioral Science	Sean Snyder & Connor Hughes	6	Does the Question Type Affect Human Responses?	Grantfork Elementary
B25	Behavioral Science	Joey Swan	5	The Effect of Video Games on Blood Pressure	Columbia Middle School

SB01	Behavioral Science	Zora Vredevel & Kaitlyn Carroll	9	Use Your Brain	Alton High School
SB02	Behavioral Science	Sofia Macias & Alexi Green	9	Senses	Alton High School
SB03	Behavioral	Channing Hunter	11	Colors and Words and Shapes: Oh,	Governor French Academy
SB04	Behavioral	Skylar Kline	12	Texting & Driving: The Deadly	Governor French Academy
SB05	Behavioral	Adele Schenk	9	Boys vs. Girls the stroop effect	Alton High School
SB06	Behavioral Science	Paul Wei	11	The Effects of a Liquid's Density on Buoyancy	Governor French Academy
C01	Biochemistry	Aiden Napp	6	Mississippi Mud: A Renewable Source of Energy?	Alton Middle School
C02	Biochemistry	Damian Pohlman	8	Electrolytes: Orange juice vs Sports	St Norbert School
C03	Biochemistry	Kyley Reinecker	7	Do Plant Grow Better With Fish And Do Fish Grow Better With Plants	Columbia Middle School
D01	Botany	Erika Axtell & Emilie Sparrow	6	How Does Salt Effect Radish Growth?	Lincoln Middle School
D02	Botany	Callie Becker & Ellyn Dorries	7	Got Energy	All Saints Academy
D03	Botany	Alyssa Busche & Brittany Morris	8	Does sand, dirt, or topsoil affect the height of the plants?	Waterloo Junior High School
D04	Botany	Hazel Denother	5	Which Makes Plants Grow the Tallest?	SS Peter & Paul Catholic School
D05	Botany	Aimee Dillenberger & Erika Lloyd	8	Do plants grow taller conventionally or hydroponically grown?	Waterloo Junior High School
D06	Botany	Maggie Fine	6	Best Liquid to Use When Watering a	St Elizabeth School
D07	Botany	Ike Franke	5	How Much Weight Does Ginseng Lose When It Dries?	Valmeyer CUSD #3
D08	Botany	Quincy Fuehne	8	Which Water Will Grow the Tallest	Aviston School
D09	Botany	Alexis Hartman	8	Does caffeine affect the growth of	Waterloo Junior High School
D10	Botany	Maggie Heilman & Nicolette Schaub	7	Dyeing Flowers	Roxana Junior High
D11	Botany	Bailey Hilmes & Fancy Jones	8	Plants: Growth and Color	Aviston School
D12	Botany	Ryan Huelsmann	7	Does Caffeine Affect Plant Growth?	All Saints Academy
D13	Botany	Abril Hunter	5	Growing Medium's Effect on Corn Germination and Growth	Governor French Academy
D14	Botany	Kaleigh Johnston	7	Can One Type of Bean Grow Taller Than Another?	Red Bud Elementary
D15	Botany	Will Klinke	8	How Light Affects Plant Growth	St Ambrose Parish School
D16	Botany	Nathan Wheaton & Zoe Mack	6	Plant Energy Drinks	Alton Middle School
D17	Botany	Ryan Raymond	7	Does Your Fescue Need a Rescue?	St Francis Holy Ghost School
D18	Botany	Skyler Romano	5	Aquaponics	Worden Elementary
D19	Botany	Nicole Scott	7	What is the best pH condition to grow grass?	Cathedral Grade School
D20	Botany	Taylor Westfall	7	Plants vs Liquids	Roxana Junior High
D21	Botany	Kristen Wieneke	7	Which way will the roots take the	St Norbert School
D22	Botany	Nolan Wissehr	6	Chemical Reactions in Plants	Marissa Elementary School
D23	Botany	Amy Zhao	8	What sound, loud song, moving mountains, or the quiet noise water droplets will speed up the prcess of germination quicker?	Waterloo Junior High School
SD01	Botany	Kiersten Connolly & Morrisan Connolly	9	Lights on flowers	Alton High School

SD02	Botany	Drew Thompson	9	Which works better, granular or liquid fertilizer?	Alton High School
SE01	Cellular & Molecular	Joe Twichell & Sabrina Blanco	9	Now you see it, now you don't	Alton High School
F01	Chemistry	Kolten Ackerman	5	Fruit & Vegetable Batteries	Albert Cassens Elementary
F02	Chemistry	Hannah Belobrajdic	8	Hydrometer Humidity	Lincoln Middle School
F03	Chemistry	Elijah Burns	5	Hot Biscuits Rise	Good Shepherd Lutheran School
F04	Chemistry	Cole Cimarolli & Hunter Mudd	8	Dissolving Rates of Different Types of Pain Relievers	Lincoln Middle School
F05	Chemistry	Carl Crumer	5	Oily animals	Lovejoy Elementary
F06	Chemistry	Luke Cuddeback	5	Dem Bones Dem Bones Dem Chicken Bones	Good Shepherd Lutheran School
F07	Chemistry	Cameron Darr	5	Low temperature pour point of engine oils-synthetic vs. non-synthetic	North Elementary
F08	Chemistry	Delynn Eckert	8	The Effects Salt Has On Yeast	St Libory School
F09	Chemistry	Haley Eckman	7	Rise 'em up	Good Shepherd Lutheran School
F10	Chemistry	Macey Endres & Emily Krebs	8	Ice Ice Baby	All Saints Academy
F11	Chemistry	Hannah Ervie	7	Which Additives Make the Strongest Gelatin	St Libory School
F12	Chemistry	Jessica Erwin	8	Saturated and Unsaturated Fat in Oil	St. John the Baptist Catholic School
F13	Chemistry	Anna Goestenors, Taylor Douglas & Emili Borkowski	8	Alka Seltzer Science	Aviston School
F14	Chemistry	Reagan Goldasich	8	The Perfect Cheesecake	Gillespie Middle School
F15	Chemistry	Aliese Greenwood	7	Lava Lamp Lunacy	Hillsboro Junior High School
F16	Chemistry	Emma Haag & Abby Krebs	7	Don't Burst Our Bubble	All Saints Academy
F17	Chemistry	Ashley Hartman	5	Does Temperature Affect Evaporation?	Waterloo Junior High School
F18	Chemistry	Tyler Holt	5	Making Cents of the Battery	Albert Cassens Elementary
F19	Chemistry	Kelsey Jachino	7	Fizz Whiz	Hillsboro Junior High School
F20	Chemistry	Allison Kromray	7	The Effect of Temperature on Chemiluminescence	Holy Family School
F21	Chemistry	Joey Lu	5	The Acidity Contest	Albert Cassens Elementary
F22	Chemistry	Maggie McCarthy	6	What's the Solution?	Alton Middle School
F23	Chemistry	Greg Mertz & Jared Potts	7	Burn, Burn Candle	Red Bud Elementary
F24	Chemistry	Liz Mislán	5	How Temperature Affects Fabric Shrinkage?	Woodland Elementary
F25	Chemistry	Dustin Phelps & Derek Ahlmeyer	6	Does the Amount of Base Affect Temperature Change?	Grantfork Elementary
F26	Chemistry	Mara Reed	7	At What Temperature Does a Chemical Reaction Happen the Fastest?	Governor French Academy
F27	Chemistry	Kristina Robinson	5	Sparkling Snowflake Crystals	Good Shepherd Lutheran School
F28	Chemistry	Ashlee Robinson	7	Stretch It!	Good Shepherd Lutheran School
F29	Chemistry	Keegan Sabol	8	Only You can prevent oxidation	St Norbert School
F30	Chemistry	Maggie Schlotter	7	Run!	Good Shepherd Lutheran School
F31	Chemistry	Alisa Schreckenber	6	Ice:What Makes Melting Happen the Fastest?	St Elizabeth School
F32	Chemistry	Julianna Smith	5	How long does it take for my drinks to get cold?	Columbus Elementary
F33	Chemistry	Jacob Smith & Alex Williams	7	Ices and Spices	Roxana Junior High

F34	Chemistry	Morgan Swanner	6	Does Bromelain Prevent Gelatin from Solidifying?	Lincoln Middle School
F35	Chemistry	Sophie Swarthout	5	High Rise Cupcakes	Good Shepherd Lutheran School
F36	Chemistry	Lindsay Vanost	7	Does Salt Affect the Amount of Time Water Freezes?	St Francis Holy Ghost School
F37	Chemistry	Elaina Vitale	5	Have You Seen A Color Run?	Columbia Middle School
F38	Chemistry	Keely Voss & Alyse Santel	7	Pain, Pain Go Away	Germantown Elementary
F39	Chemistry	Tess Wolf	8	Which Snack Food Contains the Most Energy	St Libory School
F40	Chemistry	Lewis Ybarra	8	Is the Price Right?	Holy Family School
SF01	Chemistry	Hope Cash & Madison Bemis	9	The affect of Temperature on Glow Sticks	Alton High School
SF02	Chemistry	Mina Hauth	9	The Method of Tying Irish Dancer's Softshoes' Effect on the Dancers and their Dancing	Governor French Academy
SF03	Chemistry	Martina Hukel	10	Fingerprinting: Which Surface Will it	Governor French Academy
G01	Computer Science	Haley Faus	8	Do image file formats affect image's DPI or file size?	Waterloo Junior High School
G02	Computer	Abby Labonte	7	Roy, G, Biv?	Mt Olive Junior High School
G03	Computer	Kevin Neace	6	to Flash or Not to Flash	Alton Middle School
G04	Computer	Nick Wilmsmeyer	7	Touch Screen VS Homemade White	St Elizabeth School
SG01	Computer Science	Conner Ruhl	10	Computer Assisted Evolution: A Natural Approach	Governor French Academy
H01	Consumer	Averie Anderson	7	The Cookie Caper	Red Bud Elementary
H02	Consumer Science	Allison Bollmeier & Jordin Stewart	6	Which is Stronger, Farm Fresh or Store Bought Chicken Eggs?	Marissa Elementary School
H03	Consumer	Ali Brannam	7	Face Off Girls vs. Boys	Mt Olive Junior High School
H04	Consumer Science	Mia Cilano, Mallory Glass & Morgan Nelson	8	A-Chu Is Not For You	St Elizabeth School
H05	Consumer	Greg Cockrell	6	Which Toothpaste Whitens the Best	St Libory School
H06	Consumer Science	Tara Cooigan	5	The Grease Test: Which Chips are Healthiest For Your Lunch?	Woodland Elementary
H07	Consumer	Matthew Cook	8	Shake It Up	St Ambrose Parish School
H08	Consumer	Greer DenHouter	5	Which Stretch is the Best?	Woodland Elementary
H09	Consumer Science	Michael Dizon	7	The Green Zone- Do Green Bags Keep Produce Green?	St Francis Holy Ghost School
H10	Consumer	Anna Fessler	7	Baking Sodas Effect to the Cookies	St Francis Holy Ghost School
H11	Consumer Science	Ryne Fithian & Alex Willeford	7	How Much Vitamin C	Red Bud Elementary
H12	Consumer Science	Gabe Foppe & Grant Foppe	7	Which Fertilizer Makes Soy Bean Plants Grow The Tallest?	St Paul Catholic School
H13	Consumer Science	Lacey Hanratty & Delaney Rigney	6	Is Hamburger Labeling Accurate?	Grantfork Elementary
H14	Consumer Science	Kyle Hentis & Brenden Stellhorn	7	Dissolving Ibuprofen	Red Bud Elementary
H15	Consumer Science	Sydney Kesner & Courtney Abbott	7	Which Bag Holds the Most Weight? Paper, Plastic, or Cloth	St Paul Catholic School
H16	Consumer	Jackson Kight	7	What Brand of Popcorn Pops the Best?	St Francis Holy Ghost School
H17	Consumer Science	Brendan Kueker & Nathan Salovich	7	Which Burns Faster?	Red Bud Elementary
H18	Consumer	Leah Lasbury	7	Ready Set Dry	Roxana Junior High
H19	Consumer	Daniele London	7	Detergent Frenzy	Red Bud Elementary
H20	Consumer	Katie Mans	6	Best Firewood for Your Fireplace	Alton Middle School

H21	Consumer	Jill Niehaus	7	Scrub a Dub Dub	Mt Olive Junior High School
H22	Consumer	Clayton Ralston	7	Super Soaker	St Norbert School
H23	Consumer Science	Annie Ruckman & Savanna Durr	8	Corrosion Conclusion	St. Mary's School
H24	Consumer	Kelly Schneider	7	Antacids vs Hydrochloric Acid	Mt Olive Junior High School
H25	Consumer	Dalton Schumann	8	Cleaning with Abe	St Norbert School
H26	Consumer	Jack Sheehan	7	Trash Bag Strength Test	Columbia Middle School
H27	Consumer Science	Parker Sondag	7	Which Skillet Material Conducts Heat Best?	Red Bud Elementary
H28	Consumer	Morgan Spencer	5	Sugar v. Artificial Sugar	Our Lady Queen of Peace School
H29	Consumer	Owen Suedkamp	7	The Fight of The Footballs	Columbia Middle School
H30	Consumer Science	Jake Timmermann & Trevor Kohrmann	7	Accuracy of Bullets	Germantown Elementary
H31	Consumer Science	Kelsey Weatherford	7	How Packaging Affects the Ripening of Fruit	Columbia Middle School
H32	Consumer	Shelby Wittman	7	The Effect of Salt on Ice	St Francis Holy Ghost School
H33	Consumer	Kristen Woods	7	Alka-Faster	Red Bud Elementary
SH01	Consumer	Shane Bollini	9	Great logs of fire	Alton High School
SH02	Consumer Science	Sam Tedford	9	Which Trash Bag Holds the Most? Weight Without Breaking	Governor French Academy
I01	Earth Science	Haley Basler & Ashley Prott	6	Does the Surface Area Affect the Rate of Evaporation?	Grantfork Elementary
I02	Earth Science	Erica Bechtold	7	Water Temperature and Fog Formation	St Francis Holy Ghost School
I03	Earth Science	Adam Bumann	6	Which Soil Absorbs the Most Water	St Libory School
I04	Earth Science	Hannah Moore	6	Atmospheric Pressure and Its Effect on a Rising Balloon	St Elizabeth School
I05	Earth Science	Elizabeth Ringhausen	8	Erosion- Earth vs. Water	St Francis Holy Ghost School
SI01	Earth Science	Dyer Julia Pessin	11	Mudslide The Affect of Temperature on the	Governor French Academy
J01	Electronics	John Treasure Basa	7	Voltage, Current, and Power Generation of a Solar Cell	Shiloh Middle School
J02	Electronics	Justin Bayus	6	Time Goes Green	Shiloh Middle School
J03	Electronics	Alex Bumann	6	Electricity: Conductors or Insulators	St Libory School
J04	Electronics	Cierra Frieleds	7	The Angle of Power	Good Shepherd Lutheran School
J05	Electronics	Luke Hill	6	"Go Green"	St Francis Holy Ghost School
J06	Electronics	Reid Horton	5	Varying Voltage	Columbus Elementary
J07	Electronics	Zack Hurley	7	Battle of the Batteries	St Norbert School
J08	Electronics	Abdallah Mohsen	8	Magnet Madness	St Elizabeth School
J09	Electronics	Michelle Reese	8	Wireless Energy Conduction	St Ambrose Parish School
J10	Electronics	Brendan Sommer	5	Coin Battery	Good Shepherd Lutheran School
J11	Electronics	Stephen St. John	7	Fun with Electricity	St Ambrose Parish School
J12	Electronics	Harishaan Suthan	5	The Changing Transistor LED Display	Albert Cassens Elementary
J13	Electronics	Jared Wright	5	FRUIT POWER	Good Shepherd Lutheran School
K01	Engineering	Jayda Armstead	6	Lightbulbs and Heat	Alton Middle School
K02	Engineering	Alex Bond, Brandon Lloyd & Sam Minier	6	The Amazing Hover Board	SS Peter & Paul Catholic School
K03	Engineering	Parker Charlebois	6	Paper Airplane Flights	Shiloh Middle School
K04	Engineering	Chase Daugherty & Brendan Wallace	6	On Which Surface Does A Hovercraft Travel the Furthest	Marissa Elementary School
K05	Engineering	Faith Griffon & Karoline Lauritzen	7	Can It Stand the Wind?	St Ambrose Parish School
K06	Engineering	Amelia Hughes	5	Windmill Skill	Governor French Academy

K07	Engineering	Caleb Manns	6	Which Material Used for Home Construction is the Strongest?	St Francis Holy Ghost School
K08	Engineering	Caroline O'Neill	6	Rolling Red Planet	Liberty Middle School
K09	Engineering	Caitlyn Redman	8	The Great Wind Race	Governor French Academy
K10	Engineering	Caroline Stewart	7	Roof Preparations for Tornadoes: Can Hurricane Clips Be Used Successfully?	Governor French Academy
K11	Engineering	Kyle Walsh	5	Bridge Design vs. Deflection	Albert Cassens Elementary
K12	Engineering	Reece Watson	5	Magic Magnet Shield	Woodland Elementary
L01	Environmental	Genevieve Blanton	7	Hydroponic Studies	Liberty Middle School
L02	Environmental	Danielle Boulanger	7	Do Shade Trees Affect Energy	St Paul Catholic School
L03	Environmental	Michelle Cameron	7	Natural Products for Oil Spill Clean Up	St Francis Holy Ghost School
L04	Environmental	Stephen Demartini	8	How temperatures affect solar cell	Gillespie Middle School
L05	Environmental	Caitlyn Fields	7	Oil Spill Cleanup	Mt Olive Junior High School
L06	Environmental	Paige Fischer & Maya Hubbs	8	Which Evaporates Water Fastest?	St Paul Catholic School
L07	Environmental	Mackenzie Gipson	8	The Effect of Salinity on the Ability of Polypropylene Absorbent Pads to Pick Up Oil Spills	St Libory School
L08	Environmental	Emily Haar	5	Which Sorbent Works the Best?	Woodland Elementary
L09	Environmental	Emily Harzy	8	Agent Purify	Gillespie Middle School
L10	Environmental	Marie Kinder	7	Can Solar Power Cook Hot Dogs	St Francis Holy Ghost School
L11	Environmental	Karissa Million	5	Double Double Oil in Trouble	Good Shepherd Lutheran School
L12	Environmental	Tommy Morrissey & Blake Buschmann	8	Recycled Items as Effective Insulators	St Ambrose Parish School
L13	Environmental	Adrienne Rose	5	My Energy Conservation Survey	Albert Cassens Elementary
L14	Environmental	Grace Sawyer	6	Pollution vs. Plants: How Different Types of Pollution Affect Plants	Alton Middle School
L15	Environmental	Sydney White	8	Manure effect on plants	St Norbert School
L16	Environmental	Shelby Winn	8	Pollution Sollution	St Elizabeth School
SL01	Environmental	Rebecca Herndon, Mersadies Loyet & Rachel James	9	Examining trash-reduction strategies for the student body at Lahr-Well Academy	Lahr-Well Academy
SL02	Environmental	Zac Hollis	9	Fish Wastewater can be Recycled to Grow Algae for Biofuel	Columbia High School
SL03	Environmental	Cody Hughes	11	Changing the Efficiency in a Solar Heating Tube System	Governor French Academy
SL04	Environmental	Brandon Martinez, Ally Lilley & Bryan Martinez	9	Examining trash-reduction strategies for the student body at Lahr-Well Academy	Lahr-Well Academy
SL05	Environmental	Taylor Sims	9	Slow Sand Filter Speed	Governor French Academy
M01	Health Science	Katie Albert & Hannah Vernier	8	Will males or females have a faster time on the Stroop Effect test?	Waterloo Junior High School
M02	Health Science	Miranda Bruss	8	Heart Rate vs Gender	Aviston School
M03	Health Science	Maria Clarke	7	Fatty Patties	Mt Olive Junior High School
M04	Health Science	Maggie Collins	7	The Effects of Drinks on Teeth	St Francis Holy Ghost School
M05	Health Science	Tori Dall & Maddy Wieter	8	Boys vs Girls: Muscular Endurance	Aviston School
M06	Health Science	Johanna Franke	7	Do Different Brands of Blood Glucose Meters Give the Same Results/	Valmeyer CUSD #3
M07	Health Science	Rachel Gvillo	6	Saltaholic	Our Lady Queen of Peace School
M08	Health Science	Mikayla Harvey	8	What is the correlation of a 5K runner's lung capacity vs. their finish	Waterloo Junior High School
M09	Health Science	Lauren Heise & Whitney Liefer	8	Which type of lunchbox keeps food coldest?	Waterloo Junior High School

M10	Health Science	Nicole Lappe & Abby Ratermann	8	Lung Capacity	Aviston School
M11	Health Science	Madisyn Longnecker & Maddie Joehl	8	The Germinator	St. Mary's School
M12	Health Science	Chris Lott	5	What beverages are worst for your	Columbus Elementary
M13	Health Science	Hannah Miller	7	High Performance	St Elizabeth School
M14	Health Science	Katy Polacek & Kierston Dingwell	8	Can children tell the difference between candy and medicine look-a-	Waterloo Junior High School
M15	Health Science	Alli Reeves & Lauryn Tuetken	7	Exercise Mania	Hillsboro Junior High School
M16	Health Science	Seth Schwappach & Kyle Frank	6	Does Age Affect KHZs Heard?	Grantfork Elementary
M17	Health Science	Christine Tannous	8	Do cell phones with touch screens or cell phones without touch screens have stronger electromagnetic fields?	Waterloo Junior High School
M18	Health Science	Colin Tieman	8	Tooth Enamel Gone Bad	Gillespie Middle School
M19	Health Science	Jacob Wilmsmeyer	6	Don't Ever Drink Coke Again	St Elizabeth School
M20	Health Science	Mickinney Zhang	8	Does the Type of Nut Affect the Amount of Calories Inside a Nut?	Waterloo Junior High School
SM01	Health Science	Madi Maharaj	11	Don't Forget Your Coat, It's Raining Stomach Acid!	Governor French Academy
N01	Materials Science	Bethany Brickeen	5	Does Temp. Affect How Many Kernels Pop?	Good Shepherd Lutheran School
N02	Materials	Charlie Kellough	5	How Low can You Go?	Good Shepherd Lutheran School
N03	Materials Science	Sidney Metzger & Jenna Kipping	8	Does the color of a mug affect the temperature of water in a microwave?	Waterloo Junior High School
N04	Materials	Angela Stratman	8	What kind of arrow has more force?	Waterloo Junior High School
N05	Materials	Seth Wilson	5	Magnets N Temperatures	Good Shepherd Lutheran School
SN01	Materials	Austin Bundy	11	Body Armor: How Effective is it?	Waterloo High School
O01	Mathematics	Meilin Fields	7	So You Think You Can Beat the	Cathedral Grade School
O02	Mathematics	Emma Schuster & Michaela Korte	6	Does Survey Sample Size Affect Pole Results?	Grantfork Elementary
SO01	Mathematics	Alexander C. Su	10	On the d-modular Rho-labeling of a union of two cycles	University High School
P01	Microbiology	Audrey Bridges & Kylie Chiapelli	6	It's Alive: Do Warmer Temperature's increase yeast growth?	Lincoln Middle School
P02	Microbiology	Honor Dimick	6	Yeast Activity of Different Sugar Substitutes	Lincoln Middle School
P03	Microbiology	Megan Jacobsen	7	Can Lactobacillus acidophilus cross through an Egg Shell?	Zion Lutheran School
P04	Microbiology	Maycen O'Leary	5	Are Protists Afraid of the Dark?	Good Shepherd Lutheran School
P05	Microbiology	Maddy Powell	7	Bad Bread	Hillsboro Junior High School
P06	Microbiology	Daniel Sabol	7	Yeast Beast	St Norbert School
SP01	Microbiology	Noor Aftab	9	Turmeric Does the Trick!	Governor French Academy
SP02	Microbiology	Ben White	12	Lasers and the Arndt-Schulz Law	Governor French Academy
Q01	Physics	Lane Allison	5	Does the Pressure of a Basketball Affect the Shot?	Eagle's Wing Academy
Q02	Physics	Katrina Augustin	5	How Does Temperature & Surface Type Affect the Bounce of a Tennis	Albert Cassens Elementary
Q03	Physics	Abby Baalman	7	Cold Water Boils faster, Fact or Fiction	St Norbert School
Q04	Physics	Brandon Baalman	7	How low can you go?	St Norbert School

Q05	Physics	Michael Beyer, Arionne Chapman, Will Hyten & Darrell Loyet	6	Determining the optimal floating design of a small clay boat	Lahr-Well Academy
Q06	Physics	Logan Braundmeier & Leann Huegen	7	Rubberband Strength	Aviston School
Q07	Physics	Maori Brown	5	What Is Pinhole Photography?	Albert Cassens Elementary
Q08	Physics	Cole Budde	5	Trebuchet: What Can Fly the Farthest?	Worden Elementary
Q09	Physics	Owen Carter	8	Fire Away	Gillespie Middle School
Q10	Physics	Daniel Clanton-El, J.J. Flowers & Matthew Gauen	6	Determining the optimal floating design of a small clay boat	Lahr-Well Academy
Q11	Physics	Brooke Davis & Shelbie Jackson	7	Pendulastic	Roxana Junior High
Q12	Physics	Jeffrey Feilner	8	Does the temperature of the bullet effect the penetration in the target?	Waterloo Junior High School
Q13	Physics	Payton Flowers, Arielle Chapman, Matthew Halbrooks & ColeReinking	6	Determining the optimal floating design of a small clay boat	Lahr-Well Academy
Q14	Physics	Reese Friedel	7	Just swinging	St Norbert School
Q15	Physics	Jacqueline Gibbs	5	Heat Absorption of Colors	Valmeyer CUSD #3
Q16	Physics	Payton Ginestra	5	Heat of the day	Columbus Elementary
Q17	Physics	Meredith Glass	6	How High?	St Elizabeth School
Q18	Physics	Jodi Griffin	8	What's the Fastest Way to Cool a Soda?	St. John the Baptist Catholic School
Q19	Physics	Maggie Haas	7	Flying Pendulums	Roxana Junior High
Q20	Physics	Rebecca Hackett	5	What Angle Shoots a Potato the	Columbus Elementary
Q21	Physics	Joseph Heimann & Mitchell Freund	8	Launching Lunatics	Germantown Elementary
Q22	Physics	Emily Hemker & Sophie Kuhl	7	Up, Up, and Away	Germantown Elementary
Q23	Physics	Noah Kierbach	7	A Spring Thing	Mt Olive Junior High School
Q24	Physics	Isaac King	7	Science Meets Music	Shiloh Middle School
Q25	Physics	Jared Kuebrich	7	Weight Placement vs. Distance	St Francis Holy Ghost School
Q26	Physics	David Lewis	5	How Does Color Affect Heat	Waterloo Junior High School
Q27	Physics	Brian Lymberopoulos	5	Here Go the DOMINOES	Good Shepherd Lutheran School
Q28	Physics	Noah Martin	7	Fast, Faster or Fastest	Good Shepherd Lutheran School
Q29	Physics	Kristen Mattson	8	Sparks are Flyin' II	Germantown Elementary
Q30	Physics	Alec Mills & Wyatt Engeman	6	Does Great Density Refract the Light in Liquids?	Lincoln Middle School
Q31	Physics	Bart Muehlberg	8	Do T-tops and windows affect drag or gas consumption?	Waterloo Junior High School
Q32	Physics	Hannah Saathoff	7	First Class Flight	Hillsboro Junior High School
Q33	Physics	Max Schaefer	7	The Biomechanics of Pitching: How Does A Stride Affect a Baseball's	St Libory School
Q34	Physics	Logan Seidler	5	Wood or Aluminum?	Valmeyer CUSD #3
Q35	Physics	Logan Shumate	6	Weight and Speed of Falling Objects	St Elizabeth School
Q36	Physics	Lydia Simburger	8	How Does the Position of a Basketball Shot Affect Shooting Percentage?	St. John the Baptist Catholic School
Q37	Physics	Matt Spears & Drew Toebe	7	The Bounce of a Basketball on Different Surfaces	Aviston School

Q38	Physics	Noah Walls	8	The Great Debate Wood vs. Aluminum	St. John the Baptist Catholic School
Q39	Physics	Austin White	7	Does Distance Effect the Splatter Radius of a Paintball?	Red Bud Elementary
Q40	Physics	Jake Wieter & Mitchell Sudholt	7	Do Different Weights Matter-Distance	Aviston School
Q41	Physics	Brendan Zeller	7	Bouncing Balls	Roxana Junior High
SQ01	Physics	Turner Clark	9	The Effect of Sand to Cement Ratio on Concrete Strength	Governor French Academy
SQ02	Physics	Courtney Hachmann	9	What cools soda the fastest?	Alton High School
SQ03	Physics	Travis Rolstead	12	The Effects of Culture and Propaganda	Governor French Academy
R01	Zoology	Ariah Bagley & Suzanne Allen	6	East, Sleep, Grow	Alton Middle School
R02	Zoology	Logan Bryant	7	Are Fingerprints Inherited?	St Francis Holy Ghost School
R03	Zoology	Samuel Clay	8	How oxygen from plants affect fish	Gillespie Middle School
R04	Zoology	Jordan Crow	6	The Effect of Temperature on Fish Respiration	Eagle's Wing Academy
R05	Zoology	Anna Farrar	5	Musical Mazes	Columbus Elementary
R06	Zoology	Marissa Hartke	8	Rex Rabbit	Gillespie Middle School
R07	Zoology	Andrew Jones	6	Can You Tell the Difference Between Sugar Free and Sugar Peanut Butter	St Francis Holy Ghost School
R08	Zoology	Katie Maag	8	Pigeon Parenting: Rookie vs. Veteran	St Francis Holy Ghost School
R09	Zoology	Sally Reed	5	Can Outcrossing Improve the Blue-Eyed White Mini Rex?	St Francis Holy Ghost School
R10	Zoology	Jaren Schuette	5	A Dog's Memory	Albert Cassens Elementary
R11	Zoology	Grace Schwarte & Mallory Zahner	7	Great Genes and Terrific Traits: A study of the Traits from Parent to	SS Peter & Paul Catholic School
R12	Zoology	Sarah Webber & Olivia Reed	8	Does a birth defect on a horse affect its way of life?	Waterloo Junior High School