

LRSEF - Middle School - Special Awards

Amer. Assoc. of Dental Resch; Lvl Dental Soc; UofL - SAW1B - Junior Winner \$100 each student, \$100 each school, certificate, dinner w/ Louisville Dental Society

Dental Science Award

Aliana Conway - Saint Francis of Assisi Elementary, Louisville

A Safe Substitute? Bisphenol-S Affects Health and Learning

American Chemical Society - SAW2D - certificate and invitation to society dinner

1st Place Chem winner Junior division

Kaitlin Calvery - Saint Francis of Assisi Elementary, Louisville

IR Dyes Improve Photovoltaic Cell Efficiency

American Chemical Society - SAW2E - certificate and invitation to dinner

2nd place Junior Chemistry winner

Eliza Gallagher - Saint Francis of Assisi Elementary, Louisville

Trash to Treasure: Converting Plastic Bottles to Porous Carbon

American Meteorological Society - NAT1 - Certificate and name in magazine

Winning projects should be limited to the atmospheric and related oceanic and hydrologic sciences. Summary of winners e-mailed to the AMS sciencefair@ametsoc.org by Aug. 1

Mason Holden - Saint Francis of Assisi Elementary, Louisville

Exploring Wind Force and Design on Skycrapers

Julia Renz - Saint Francis of Assisi Elementary, Louisville

Investigating Downdraft Wind Effects on Buildings

American Psychological Association - NAT2 - Certificate

Special award recognizing outstanding research in psychological science

Emmett King - Saint Francis of Assisi Elementary, Louisville

Fake News Awareness and Terrorism Concerns: Veterans vs. Non-Veterans

American Society of Civil Engineers - SAW3A - 1 Certificate + \$25

Awarded to the project best depicting the civil engineering profession

Samuel Flynn - Saint Francis of Assisi Elementary, Louisville

Stormwater Crisis: Mitigation Through the Use of Porous Asphalt

Association for Women Geoscientist - NAT4 - Certificate

Award to female student whose project exemplify high standards of innovativeness and scientific excellence in the geosciences.

Nicola Schindler - Saint Francis School, Louisville

Exploring Soil Liquefaction

B.C. Plumbing Company - SAW32 - \$100

Samuel Flynn - Saint Francis of Assisi Elementary, Louisville

Stormwater Crisis: Mitigation Through the Use of Porous Asphalt

Bluegrass Food Technology Group - SAW5B - Certificate and \$100 Cash Award

2nd place Science Fair Project that is related to Food

Alayna Allen - Newburg Middle School

Preserving Foods

Broadcom Masters - NAT6 - Broadcom Masters Nominee with opportunity to apply for entry into national competition to win a trip and up to \$25,000

Top 10% of junior division projects nominees for the Broadcom National competition in Washington D.C and a chance to win a trip and up to \$25,000

Alice Beatty - Saint Francis of Assisi Elementary, Louisville
Visual and Olfactory Recognition in Hermit Crabs

Kaitlin Calvery - Saint Francis of Assisi Elementary, Louisville
IR Dyes Improve Photovoltaic Cell Efficiency

Aliana Conway - Saint Francis of Assisi Elementary, Louisville
A Safe Substitute? Bisphenol-S Affects Health and Learning

Ritesh Dhakal - Saint Francis of Assisi Elementary, Louisville
WaterGuardian; a Device to Prevent Drowning

Ella Diehl - Saint Francis of Assisi Elementary, Louisville
Can Caterpillars Hear? Does Noise Pollution Affect Them?

Gus Dillon - Saint Francis of Assisi Elementary, Louisville
Kentucky Hemp: Higher Tensile Strength in Concrete

Scott Dues - Saint Francis of Assisi Elementary, Louisville
E-cigarettes Effect on Learning and Health

Julia Elder - Saint Francis of Assisi Elementary, Louisville
Reflective Facade Materials Impact on Neighboring Buildings

Fiona Gallagher - Saint Francis of Assisi Elementary, Louisville
Trash to Treasure: Converting School Lunchroom Waste Bread to Ethanol

Tyler Haddow - Saint Francis of Assisi Elementary, Louisville
Poissons Ratio

Hayden Harned - Saint Francis of Assisi Elementary, Louisville
Exploring the Physics of Irrigation Droplets

Mason Holden - Saint Francis of Assisi Elementary, Louisville
Exploring Wind Force and Design on Skycrapers

Ben Keeney - Saint Francis of Assisi Elementary, Louisville
Fractal Analysis of Wildfires

Nick Lynn - Saint Francis of Assisi Elementary, Louisville
Exploring the Impacts of Pesticides and Herbicides on Catalase

Seth McAfee - Saint Francis of Assisi Elementary, Louisville
Engineering New DVT Removal Techniques

Henry Murr - Saint Francis of Assisi Elementary, Louisville
Reducing Avian Fatalities Using Ultrasonic Detection

Rob Player - Saint Francis of Assisi Elementary, Louisville
Observing Shade Avoidance in Vigna Radiata

Elaina Render - Saint Francis of Assisi Elementary, Louisville
Gut Reaction: Food Preservatives and the Microbiome

Kyle Sanderfer - Saint Francis of Assisi Elementary, Louisville
Exploring Cosmic Rays

Sophia Schindler - Saint Francis School, Louisville
Converting Sound To Electricity

Woody Schoenbachler - Saint Francis of Assisi Elementary, Louisville
Using Indexing to Discover Novel Genes and Proteins

mark schrenger - Saint Francis of Assisi Elementary, Louisville
Exploring the Hidden Toxicity of Sunscreen

Trisha Sexton - Saint Francis of Assisi Elementary, Louisville
Exploring Soft Robotic Appendage

Seth Spriggs-Dial - Saint Francis of Assisi Elementary, Louisville
Exploring the Bystander Effect in Children

Mary Claire Stukenborg - Saint Francis of Assisi Elementary, Louisville
"KY Tuna"/ Asian Carp Epidermal Slime; a Novel Antimicrobial

Aiden White - Saint Francis of Assisi Elementary, Louisville
Puddle Poison

Churchill Downs - Churchill Downs - 1st Place Middle School - \$50

Erica Shrout - Carrithers Middle School
Does Rider Mood Affect Horse Performance

Delta Kappa Gamma, International, Theta Chapter - SAW10A - Certificate + \$30 Junior

Awarded across any category

Aliyah Allen - Carrithers Middle School
Moo...ve Over Butter!

Alayna Allen - Newburg Middle School
Preserving Foods

Karlie Brockman - Brown School Science Fair
Global Conveyor Belt

Amaya Coleman - Carrithers Middle School
Musical Mayhem

Nour Elamir - Nur Islamic School of Louisville
Does Chemical Weathering Effect Rocks

Nolan Kiper - Carrithers Middle School
Effect of Video Games on the Body

colin loveless - Anchorage Independent Public School
Can A Dirty Water Sample Be Sanitized Through A Homemade Water Filter With Electrolysis?

Shelby Saylor - Carrithers Middle School
Disney Fear Factor

Jillian Wallshield - Carrithers Middle School

Water Wise

GE APAF - Clear Thinker Award - SAW12A - Certificate + \$100 Junior

Awarded to project that demonstrates clear understanding of the problem with conclusions drawn from competent research and observations and clearly communicated by presenter. Preferred Categories: Engineering, Computer Science, Physics, and Chemistry

Jacob Stroud - Saint Francis of Assisi Elementary, Louisville
PLA Production Via Lactide Exposure to UV Light

GE Best of Fair Award - Junior - SAW26 - Certificate and \$240 each

Top 3 Junior Division Project

Nick Lynn - Saint Francis of Assisi Elementary, Louisville
Exploring the Impacts of Pesticides and Herbicides on Catalase

Henry Murr - Saint Francis of Assisi Elementary, Louisville
Reducing Avian Fatalities Using Ultrasonic Detection

mark schrenger - Saint Francis of Assisi Elementary, Louisville
Exploring the Hidden Toxicity of Sunscreen

Gibson Family Award - SAW27 - \$50 award plus certificate

Fiona Gallagher - Saint Francis of Assisi Elementary, Louisville
Trash to Treasure: Converting School Lunchroom Waste Bread to Ethanol

Hexion Speciality Chemicals - Community Impact - SAW13A - 1 certificate & \$50

Awarded across any category, preferred chemistry, etc.

Sophia Bryant - Saint Francis School, Louisville
Exploring the Potential Anti-Cancer Abilities of Natural Compounds

Hexion Speciality Chemicals - Creative Award - SAW13C - 1 certificate & \$50

Awarded across any category, preferred chemistry, etc.

Grace Brewer - Saint Leonard Elementary
The Little Battery that Could-Creating an Electromagnetic Train

Jefferson County Conservation District - SAW29A - 3 awards in the Environmental Sciences Division: 1st place (\$200) 2nd (\$150) and 3rd (\$100)!

Env. Science awards

Grayson Doninger - Saint Francis of Assisi Elementary, Louisville
The Impact of Bridges on Streambed Mobility

Henry Doyle - Saint Francis of Assisi Elementary, Louisville
Exploring Antibiotic Resistance in Algae

Michael Gardner - Saint Francis of Assisi Elementary, Louisville
Effects of Pesticides on Soil Enzymes

Kentucky Gas Association - SAW15A - Certificate + \$50 Junior

Awarded across any category for projects related to the natural gas industry including safety, corrosion, etc.

Maxwell Ramey - Carrithers Middle School
Cola Corrosion

Louisville Chapter of the Society for Neuroscience - SAW28 - Prize of \$100. We would also invite the winner to present the poster at our 27th annual Neuroscience Day at the UofL to be held on April 13th.

Aliana Conway - Saint Francis of Assisi Elementary, Louisville
A Safe Substitute? Bisphenol-S Affects Health and Learning

National Oceanic and Atmospheric Assoc. (NOAA) - NAT12 - Letter, certificate, and NOAA medallion

Award will go to one individual (middle or high school) selected from among all general award categories whose research emphasizes NOAA's mission of Science, Service, and Stewardship in climate, weather, ocean and coastal sciences.

Sahil Krishnani - Anchorage Independent Public School
Dye-Sensitized solar cells - A Technology to end the Energy Crisis

Office of Naval Research - NAT13A - Junior: Certificate and medallion

Naval Science Award given to projects competing as individuals only. Up to 3 senior and 3 junior award winners

Julia Elder - Saint Francis of Assisi Elementary, Louisville
Reflective Facade Materials Impact on Neighboring Buildings

David Renz - Saint Francis of Assisi Elementary, Louisville
Do Sound Barriers Impact Pollution Patterns?

Kyle Sanderfer - Saint Francis of Assisi Elementary, Louisville
Exploring Cosmic Rays

Ricoh Americas Corporation - NAT14 - Certificate

Awarded to project that have principles & technical innovations that offer the greatest potential for increasing our ability to grow environmentally friendly & socially responsible businesses. Project must also protect the environment & conserve resources, pollution prevention, and use all resources in a more sustainable business matter.

Adrian Morris - Saint Francis School, Louisville
Designing a More Efficient Wind Turbine

U.S. Fish & Wildlife Service - SAW24A - Plaque

Awarded across any category but focusing on the environment and conservation.

Henry Murr - Saint Francis of Assisi Elementary, Louisville
Reducing Avian Fatalities Using Ultrasonic Detection

US Air Force - NAT17 - N/A

N/A

Josh Adams - Saint Francis of Assisi Elementary, Louisville
Observing Dominance and Displacement Identification in Gorillas

Emmett King - Saint Francis of Assisi Elementary, Louisville
Fake News Awareness and Terrorism Concerns: Veterans vs. Non-Veterans

US Metric Association - NAT18 - Certificate

Any project which involves measures and expresses those measures consistently and correctly in SI metric. Project which uses a variety of metric units for different kinds of measures would be better choice than one which only uses centimeters to measure lengths or litres for volumes.

Units of older (non-SI) metric systems are NOT acceptable (e.g. mmHg, cmHG, milibars, calories, kilocalories).

David Renz - Saint Francis of Assisi Elementary, Louisville
Do Sound Barriers Impact Pollution Patterns?