

LRSEF - Middle school - Special Awards

Amer. Assoc. of Dental Resch; Lvl Dental Soc; UofL - SAW1A - Senior Winner \$100 each student, \$100 each school, certificate, dinner w/ Louisville Dental Society

Dental Science Award

Katherine Dues - ST. FRANCIS OF ASSISI SCHOOL

Inter-Kingdom Signaling: Are Bacteria Affected By Cortisol?

American Psychological Association - NAT2 - Certificate

Special award recognizing outstanding research in psychological science

Seth Spriggs-Dial - ST. FRANCIS OF ASSISI SCHOOL

Exploring the Relationship between Self-Efficacy and Anxiety in Children

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

Awarded to the project best depicting the civil engineering profession

Mason Holden - ST. FRANCIS OF ASSISI SCHOOL

Exploring Highway Sound Barrier Design

ASM Materials Education Foundation - NAT3 - Certificate

Criteria for award: 1. Use of materials-related concepts. 2. Demonstration of some aspect of the materials paradigm, i.e., structure-processing-properties-performance relationships 3. Clarity in presentation 4. Clear understanding of the scientific method 5. Aesthetics - layout of the project, neatness, etc.

Jacob Stroud - ST. FRANCIS OF ASSISI SCHOOL

Creating Effective Bioplastics

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 - ST. FRANCIS OF ASSISI SCHOOL

Conditioning & Memory in Hermit Crabs

Ruthie Belza - ST. FRANCIS OF ASSISI SCHOOL

Ascorbic Acid Impacts Protein Glycation

Jack Calvery - ST. FRANCIS OF ASSISI SCHOOL

Exploring Gene Annotation

Clare Deschler - ST. FRANCIS OF ASSISI SCHOOL

Detecting Fractals in Sunspots

Ritesh Dhakal - ST. FRANCIS OF ASSISI SCHOOL

Guardian Angels; an app to help the homeless

Henry Doyle - ST. FRANCIS OF ASSISI SCHOOL

Exploring the Effects of Antibiotics on Algae
Eliza Gallagher - ST. FRANCIS OF ASSISI SCHOOL
Identifying and Exploring Methods of Extracting Oxygen from Lunar Regolith
Maya Guinn - South Oldham Middle School
Saltwater Turbine
Harper Hall - ST. FRANCIS OF ASSISI SCHOOL
Using Sound to Improve Corn's Flow Rate
Mason Holden - ST. FRANCIS OF ASSISI SCHOOL
Exploring Highway Sound Barrier Design
Ellie Hummel - ST. FRANCIS OF ASSISI SCHOOL
Exploring Electric Fields in Regeneration
Hannah Martin - Carrithers Middle School
The Power of Wind
Katherine Martin - ST. FRANCIS OF ASSISI SCHOOL
Fractal Patterns in Lightning
Corey McGarvey - ST. FRANCIS OF ASSISI SCHOOL
Salt Stressed Plants: Universal Language of PLants
Charlie Murr - ST. FRANCIS OF ASSISI SCHOOL
Using Microcontrollers to Reduce Waste
Katie Mushkin - South Oldham Middle School
A BeauTEAful Machine
Vishnupriya Ramasamy - HIGHLAND MIDDLE SCHOOL
Smart School Bus - No More "Wrong Bus"
Elaina Render - ST. FRANCIS OF ASSISI SCHOOL
Exploring Antibiotic Resistance in Probiotics
Peter Schoenbachler - ST. FRANCIS OF ASSISI SCHOOL
Exploring Atrazine Mobility
tess schrenger - ST. FRANCIS OF ASSISI SCHOOL
Investigating the Toxicity of Playground Rubber Mulch
Mark Schrenger - ST. FRANCIS OF ASSISI SCHOOL
Triphenyl Phospate: A New Health Concern
Trisha Sexton - ST. FRANCIS OF ASSISI SCHOOL
Fire Protection Robot
Virginia Sheldon - ST. FRANCIS OF ASSISI SCHOOL
Producing alterternative fuels from whiskey waste
Seth Spriggs-Dial - ST. FRANCIS OF ASSISI SCHOOL
Exploring the Relationship between Self-Efficacy and Anxiety in Children
Jacob Stroud - ST. FRANCIS OF ASSISI SCHOOL
Creating Effective Bioplastics

Delta Kappa Gamma, International, Averitt Express - SAW6A - Certificate + \$30 Junior

Available across any category, transportation preferred.

Parker Cummins - Carrithers Middle School

"What Makes Metal Rust Faster."

Khushi Randev - Carrithers Middle School

Which method is best for melting icy pavements

Delta Kappa Gamma, International, Community North - SAW7A - Certificate + \$30 Junior

Awarded across any category, focusing on medicine and health

Sophie Baete - Newburg Middle School

How does the genre of music affect heartrate?

Delta Kappa Gamma, International, Gleneagles Hosp. - SAW8 - Certificate + \$40

Awarded across any category

Thomas Komp - BROWN SCHOOL

The Shocking Truth of Produce

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

Awarded across any category

Skylar Locke - Carrithers Middle School

A Good Mix

Delta Kappa Gamma, International, Woodlands C.C. - SAW11 - Certificate + \$40

Awarded across any category, preferred physics in sports

Mackenzie Engle - Carrithers Middle School

Crystallization Time

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

Charlie Murr - ST. FRANCIS OF ASSISI SCHOOL

Using Microcontrollers to Reduce Waste

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

Top 3 Junior Division Project

Emmett King - ST. FRANCIS OF ASSISI SCHOOL

Charitable Donation Decisions: Parent vs. Child

Elaina Render - ST. FRANCIS OF ASSISI SCHOOL
Exploring Antibiotic Resistance in Probiotics
Jacob Stroud - ST. FRANCIS OF ASSISI SCHOOL
Creating Effective Bioplastics

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

Kayliana Dunham - Carrithers Middle School
Melding gelatin
Muhanad Yennes - NUR ISLAMIC SCHOOL
How Greasy are Potato Chips

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

Awarded across any category, preferred chemistry, etc.

tess schrenger - ST. FRANCIS OF ASSISI SCHOOL
Investigating the Toxicity of Playground Rubber Mulch

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

Awarded across any category, preferred chemistry, etc.

Ritesh Dhakal - ST. FRANCIS OF ASSISI SCHOOL
Guardian Angels; an app to help the homeless

INTEL Excellence in Computer Science - NAT7 - Certificate, \$200 cash prize

Top 1st place Computer Science Category winner

Ethan Jacob - ST. FRANCIS OF ASSISI SCHOOL
Increasing The Safety Of Walkers Via Arduino Ultrasonic Sensors

Jefferson County Conservation District - SAW29A - \$200 award

Env. Science awards

Lilly Doninger - ST. FRANCIS OF ASSISI SCHOOL
Environmental Conditions Impact CSO Bacteria Duration

Jefferson County Conservation District - SAW29B - \$150 award

Env. Science

Peter Schoenbachler - ST. FRANCIS OF ASSISI SCHOOL
Exploring Atrazine Mobility

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

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

Killian Meaney - Newburg Middle School

How Different Materials Affect Magnetic Fields

Kentucky Gas Association - SAW15B - Certificate + \$50 Senior

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

Parker Cummins - Carrithers Middle School

"What Makes Metal Rust Faster."

Kentucky Science Center - SAW16 - 1 - Kentucky Science Center membership

Awarded across any category

Stephanie Sithu - BROWN SCHOOL

The Blooming of a Paper Flower

Kentucky Society of Natural History (KSNH) - SAW17A - \$50 plus membership & field trip to one Junior participant

Focus on projects that help to support Natural History/Biodiversity knowledge for those whose residence is in Kentucky. This Special Award will be presented to a Senior and Junior participant who presents in any area of the Natural Sciences.

Aliana Conway - ST. FRANCIS OF ASSISI SCHOOL

Exploring TCEP's Potential Role in Learning and Memory Issues

Natalie Loper - ST. FRANCIS OF ASSISI SCHOOL

Tree Ring Analysis

Louisville Chapter of the Society for Neuroscience - SAW28 - \$100 plus invite to UofL Neuroscience Dept.

Aliana Conway - ST. FRANCIS OF ASSISI SCHOOL

Exploring TCEP's Potential Role in Learning and Memory Issues

Mercedes-Benz Club of America, Bluegrass Stars Sec - SAW21 - Certificate + \$100 + Invitation to Technical Session with the Club

Automotive Science Award, can be any category

Mason Holden - ST. FRANCIS OF ASSISI SCHOOL

Exploring Highway Sound Barrier Design

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

Ruthie Belza - ST. FRANCIS OF ASSISI SCHOOL

Ascorbic Acid Impacts Protein Glycation

Julia Renz - ST. FRANCIS OF ASSISI SCHOOL

Suspension Bridge Cable Shape Affects Vortex Shedding

Mark Schrenger - ST. FRANCIS OF ASSISI SCHOOL
Triphenyl Phosphate: A New Health Concern

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

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

Brett Logsdon - ST. FRANCIS OF ASSISI SCHOOL
Capture The Wind: Exploring Effective Wind Turbine Designs

US Air Force - NAT17 - N/A

N/A

Ben Keeney - ST. FRANCIS OF ASSISI SCHOOL
Microbial Fuel Cells and Variables that Affect Voltage
Virginia Sheldon - ST. FRANCIS OF ASSISI SCHOOL
Producing alterternative fuels from whiskey waste