

2026 Region VII Science & Engineering Fair Category Awards- Junior Division

Animal Sciences

4th	The Effect of Color on Measure of Insect Attraction	Tina Tran	Sherwood Middle Magnet
3rd	Does scent affect the number of large mouth bass caught in fresh water ponds	Rem Yan-Hamby	St. Jude the Apostle School
2nd	What temperatures can aphids live in	Amy Feng	Glasgow Middle
1st	How Does Humidity Affect Snake Shedding?	Mason Riddle	St. Jude the Apostle School

Behavioral and Social Sciences

4th	Fear by the Year	Hall Langlois, Beau Soulier	Catholic of Pointe Coupee
3rd	Impact of Age on Reaction Time	KAITLYN OLIVIA	Prairieville Middle
2nd	Plasticity in dry matter accumulation under desiccation acclimation in <i>Coptotermes formosanus</i>	Angie Sanchez	Kenilworth Science & Technology Academy
1st	"Did You See That?" What affects peripheral vision more: Gender or Age?"	Parris Jarreau, Hollyn Gustin	Catholic of Pointe Coupee

Biochemistry

4th	The Effects of Antioxidants on Fruit Oxidation	Jennifer Tran	Sherwood Middle Magnet
3rd	The effect of antioxidants on enzymatic browning of apples	Rishaan Reddy	Glasgow Middle
2nd	How does processed sugars in sodas compare to natural sugars in whole fruits and juices with regards to postprandial blood glucose levels?	Anisha Reddy	Glasgow Middle
1st	Comparing DNA Yields In Fruits	Wilton Pfifer	Glasgow Middle

Biomedical and Health Sciences

4th	Nail Length and How It Affects the Amount of Bacteria	Tori Paul	Sherwood Middle Magnet
3rd	Fingerprints	Aniya Kelley	Sherwood Middle Magnet
2nd	The Power of Scent: How Essential Oils Affect Heart Rate	Isabella Gardner	St. Jude the Apostle School
1st	Muscles Matter	Jack Saunders	St. George Catholic School

Biomedical Engineering

3rd	Developing an Automated Switch for a Perfusion System Valve Controller	Yassin Abdel-Moneim	Glasgow Middle
2nd	Moisture Activated Medicinal Patch	Khushi Patel	Sherwood Middle Magnet
1st	The Influence of Tourniquet Material in Emergency Applications	Emily Cheng	Sherwood Middle Magnet

Cellular and Molecular Biology

4th	Does Skittles Have a Taste or Just a Smell?	Juliet Girod	Prairieville Middle
3rd	ZAP the Cell! Finding the best way to make the cell extract for cell-free protein synthesis	Colin Kwon	Glasgow Middle
2nd	Synergistic Antibiotic Treatment to Eliminate an Unknown Bacterial Contaminant from NGM Plates	Vincent Lu	Glasgow Middle
1st	The Effect of Doxorubicin and Paclitaxel on Cell Viability and Mitochondrial Respiration	Ananya Chintala	Sherwood Middle Magnet

Chemistry

4th	Light It Up	Victoria Rice	Glasgow Middle
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3rd	Bath Bomb Reaction	Oni Price	University View academy
2nd	From Syrup to Sparkle: Sugar Seeding Effects on Rock Candy Growth	Olivia Clouatre	Holy Family School
1st	Household Cleaning Items vs. Stains	Adalyn Burrough	Most Blessed Sacrament
Computational and Biology Bioinformatics			
2nd	The Effect Of Race, Age and Gender On Skin Cancer	Abhiram Penumarthi	Sherwood Middle Magnet
1st	Can Environmental Factors Predict Harmful Algal Blooms? A Computational Study	Norhan Noshaba	Glasgow Middle
Earth & Environmental Science			
4th	The Effect Of Different Amounts of Ferrofluids on Microplastic Removal	Ai Nguyen	Sherwood Middle Magnet
3rd	The Impact of Vermicomposting	Vivienne Barbier	Glasgow Middle
2nd	The Affect of Natural Water Filtration Systems on the PH of Dirty Water	Cecile Cazes	Sherwood Middle Magnet
1st	The Comparison of Microplastics and pH in Bottled Water vs Filtered Tap Water	Yohan Cheriyan	Glasgow Middle
Embedded Systems			
4th	Grow Chamber Data Analysis	Bryce Hulsey	Kenilworth Science & Technology Academy
3rd	Using code to program infrared sensors to avoid obstacles	Calea O'Connor	Glasgow Middle
2nd	Air Quality Predictions with Machine Learning	Madhav Nair	Glasgow Middle
1st	Traffic Light Systems: Regular vs. Adaptive	Likitha Bommagani	Sherwood Middle Magnet
Energy			
4th	Investigating Cross-link Polymer Properties	Naqeeb Hossain	Glasgow Middle
3rd	Adoption of occupancy-centric smart thermostat in residential energy savings	Recai Yazici	Kenilworth Science & Technology Academy
2nd	The Effect of Weight on a Piezoelectric Tile	Jeriel Charles	Sherwood Middle Magnet
1st	The Effect of Different Methods on Battery Heat Generation	Javin Joseph	Sherwood Middle Magnet
Engineering Technology			
4th	Bridges	Amy Wang	Glasgow Middle
3rd	AI for 3D printed structural design	Amy Lopez	Kenilworth Science & Technology Academy
2nd	Pivot to Projectile: How does the Arm Ratio Affect the Launch Distance of the Trebuchet?	Samuel Landry	St. Jude the Apostle School
1st	Exploring the Optimum Design of Pervious Concrete	Ethan Liu	Glasgow Middle
Environmental Engineering			
4th	Air Quality and Household Conditions	Aanya Mukhopadhyay	Glasgow Middle
3rd	The Efficacy of Different Materials on Motor Oil Absorption	Brooke Nguyen	Sherwood Middle Magnet
2nd	Preventing Flooding Using Levee Designs	Cooper Domingue	Sherwood Middle Magnet
1st	Powdered Banana Peel Coagulation	Vanathi Vijai Krishnah	Glasgow Middle
Materials Science			
4th	Pull It, Cock It, Shoot It: Compound vs. Crossbow- Who will Win?	Liam Segura, Mason Werchan	Catholic of Pointe Coupee
3rd	Rip It and Soak It- Papertowel Showdown	Lily Harris	St. Jude the Apostle School
2nd	The Effect of Yarn Composition on Heat Insulation	Bliss Barnes	Sherwood Middle Magnet
1st	Reduce the Risk: Protect Your Head this Baseball Season	Beau Smith, Lane Patin	Catholic of Pointe Coupee

Math

4th	A Probability Study of Basketball Free Throws	Charles Firmature	Kenilworth Science & Technology Academy
3rd	Steel or Sponge: A Quantitative Study on Material Density and Porosity on Sound Attenuation	Samuel Lin	Glasgow Middle
2nd	Calculate the Area of Irregular Shapes: Approximating the Infinite By	Eric Zhu	Glasgow Middle
1st	Shoelace Formula	Ziyang Zhuang	Glasgow Middle

Microbiology

4th	Bacteria Busters	Emily Langlois, Steven Kent	Catholic of Pointe Coupee
3rd	Bacteria Can't count. The 5 Second rule?	Angela Miller	St. Jude the Apostle School
2nd	Bacterial Transfer Through Layered Paper Towels: A Pore-Pathway Threshold	Christopher Kim	Glasgow Middle
1st	Blocking Protein Kinases to slow down Viral Infection	Joash Cheriyan	Glasgow Middle

Physics & Astronomy

4th	Sounds Good	Charlotte Menge	St. George Catholic School
3rd	The Effect of the Texture of a Sphere on Airtime and Flight Patterns	Carlos Ventura	Sherwood Middle Magnet
2nd	Sugar Sprinkle Smiles	Larkin Conley	Prairieville Middle
1st	The Effect of Geometric Configuration on Maximum Holding Weight of Adhesive Tape	Nathan Park	Sherwood Middle Magnet

Plant Sciences

4th	How does the kind of fruit determine the length of DNA strands in centimeters?	Lourdes Joseph	The Dunham School
3rd	The Effect of Herbicide on the Percentage of Weeds Killed	Lucille Hill	Sherwood Middle Magnet
2nd	Effect of Different Types of Composting/Soil Medium on Plant Growth	Lilly Madden	Sherwood Middle Magnet
1st	Cold Tolerance in Rice	Ananya Baisakh	Glasgow Middle

Robotics and Intelligent Machines

4th	Robotic based underwater concrete 3d printing	Kirbi Briggs	Kenilworth Science & Technology Academy
3rd	Computer Vision Detection for Orbital Debris	Viet Nguyen	Sherwood Middle Magnet
2nd	The Effect of Different Translating Application on the Accuracy of the Translations	Bailey Hickman	Sherwood Middle Magnet
1st	Pulse to Power: The Future of Myoelectric Control	Muhammad Murtaza	Glasgow Middle

Systems Software

4th	The Effect of Password Characters on Password Strength	Alyniah Goug'isha	Sherwood Middle Magnet
4th	How Detectable are Generative AI LLMs?	Avi Rethelyi-Vekhter, Henry Hall	Glasgow Middle
3rd	The Effect of Neural Networks on Output of Artificial Intelligence	Edward Mirza	Sherwood Middle Magnet
2nd	Level Up:The Effects of Video Games on Reaction Time	Ethan Rice	Glasgow Middle
1st	Digital twin application in transportation.	Paige Knox	Kenilworth Science & Technology Academy

Technology Enhances the Arts

3rd	Exploring optical illusions with an Infinity Mirror	Julian Richardson, Shane Wallace	Glasgow Middle
2nd	Who can detect AI? Kids vs. Adults	Marigny Gautreau, Karli Rae Robertson	Glasgow Middle

1st	The effect of acrylic paint on artwork	Olivia Howard	Sherwood Middle Magnet
Translational Medical Science			
3rd	The Effect of Classical Music on Short-Term Memory Performance	Pedro Pu Castro	Kenilworth Science & Technology Academy
2nd	Effectiveness of Antacid Active Ingredients in Neutralizing Hyperchlorhydria	Olivia Peng	Glasgow Middle
1st	The Role of Ultrasound in Pain Relief	Antian He	Glasgow Middle

2026 Region VII Science & Engineering Fair Special Awards- Junior Division

Thermo Fisher Scientific Junior Innovators Challenge (JIC)

Bliss Barnes

Cooper Dominique

Vanathi Vijakrishnah

Ethan Lui

Beau Smith

Lane Patin

Brooke Nguyen

Mason Riddle

Ananya Chintala

Samuel Landry

Nathan Park

Ananya Baisakh

Naval Science Award

Khushi Patel - Sherwood Middle Academic Magnet

Annabelle Meador - Prairieville Middle School

Madhav Nair - Glasgow Middle School

Lemelson Early Inventor Prize

Vanathi Vijaikrishnah - Glasgow Middle

Citadel Securities Innovation Prize

Angie Sanchez - Kenilworth Science & Technology Academy

2nd Place Overall

Ananya Baisakh - Glasgow Middle

1st Place Overall

Vanathi Vijaikrishnah - Glasgow Middle

Top School- Highest Cumulative Score Overall

Glasgow Middle School