

2023 Fort Worth Regional Science and Engineering Fair

American Meteorological Society Award

1st Place: Can utilizing a temperature histogram based on historical data predict a warming trend in North Texas?

Project ID: 204144

School: Harmony School Of Innovation Middle School (Fort Worth)

Division: Junior

Category: Earth & Planetary Sciences

Students: Sydney Resendez

2nd Place: What Makes Ice Melt Faster?

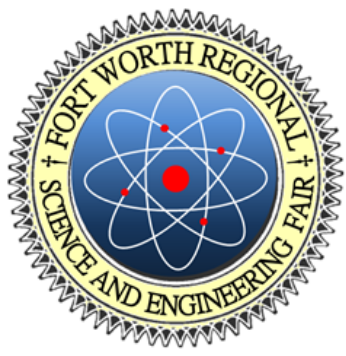
Project ID: 186197

School: St. Elizabeth Ann Seton Catholic Middle School

Division: Junior

Category: Chemistry

Students: Micayla Sustaita, Alondra Nye-Colon



2023 Fort Worth Regional Science and Engineering Fair

Ellen and Delbert E. Lawry Award

1st Place: Spin rate of a Baseball

Project ID: 185182

School: Liberty Christian School MS

Division: Junior

Category: Energy & Transportation

Students: Owen Kempf

2nd Place: Battery voltage

Project ID: 205159

School: Bowie Junior High School

Division: Junior

Category: Engineering: Electrical & Mechanical

Students: James Clark

3rd Place: The Power Of Pulleys

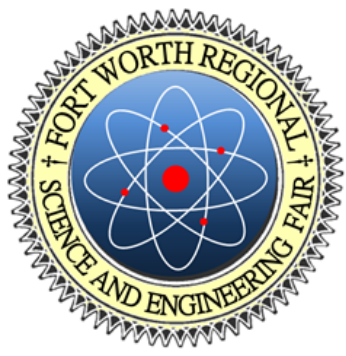
Project ID: 208728

School: Bowie Junior High School

Division: Junior

Category: Engineering: Electrical & Mechanical

Students: Xander Jones



2023 Fort Worth Regional Science and Engineering Fair

Ellen and Delbert E. Lawry Award

1st Alt: Heart Lock

Project ID: 207769

School: Jerry Knight Stem Academy

Division: Junior

Category: Medicine & Health Sciences

Students: Alyssa Le

2nd Alt: Pumpkin Research

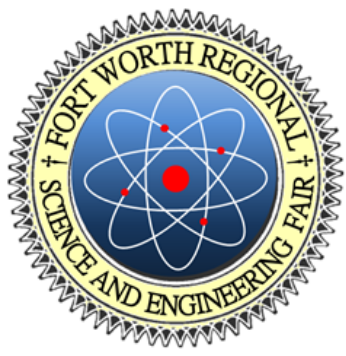
Project ID: 208592

School: Bowie Junior High School

Division: Junior

Category: Plant Sciences

Students: Alena Zilfo



2023 Fort Worth Regional Science and Engineering Fair

Fort Worth Audubon Society Conservation Award

1st Place: The Best Water Purification Method

Project ID: 208535

School: Harmony Science Academy Carrollton - Middle School

Division: Junior

Category: Biochemistry, Cellular, & Molecular Biology

Students: Yara Peig

2nd Place: Microbial Diversity & pH Levels

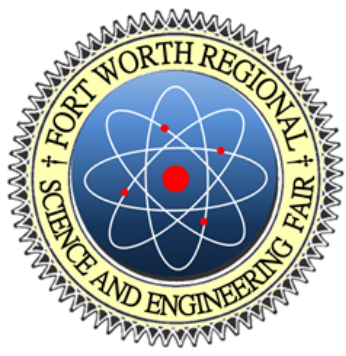
Project ID: 206994

School: Harmony School Of Innovation Middle School (Fort Worth)

Division: Junior

Category: Earth & Planetary Sciences

Students: Keren Hernandez, Jenifer Bastola



2023 Fort Worth Regional Science and Engineering Fair

Lemelson Early Inventor Prize

1st Place: The Kitty CATch in Visual Impairment

Project ID: 183867

School: Jerry Knight Stem Academy

Division: Junior

Category: Animal Sciences

Students: Campbell Speakes, Laila Hamdan

2nd Place: Can an electromagnet be used to soften the fall of an elevator?

Project ID: 188145

School: St. Elizabeth Ann Seton Catholic Middle School

Division: Junior

Category: Engineering: Materials & Bioengineering

Students: Sammi Koelling

3rd Place: Different Wing Design, More or Less Distance?

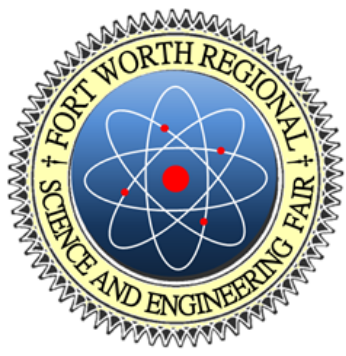
Project ID: 209210

School: Young Women's Leadership Academy

Division: Junior

Category: Engineering: Electrical & Mechanical

Students: Ximena Martinez



2023 Fort Worth Regional Science and Engineering Fair

Lockheed Martin Aeronautics Company

1st Place: Mercury In Cat Food

Project ID: 208607

School: Young Women's Leadership Academy

Division: Junior

Category: Biochemistry, Cellular, & Molecular Biology

Students: Lily Chumchal

2nd Place: Shoe Material and Bacteria

Project ID: 209110

School: Harmony School Of Innovation Middle School (Fort Worth)

Division: Junior

Category: Biochemistry, Cellular, & Molecular Biology

Students: Cameron Morgan

3rd Place: The Applications of Autonomous Vehicles

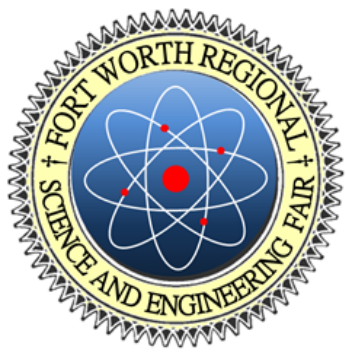
Project ID: 199939

School: Jerry Knight Stem Academy

Division: Junior

Category: Computer Science

Students: Geoffrey Ogbogu



2023 Fort Worth Regional Science and Engineering Fair

Lockheed Martin Leadership Association

1st Place: The Best Water Purification Method

Project ID: 208535

School: Harmony Science Academy Carrollton - Middle School

Division: Junior

Category: Biochemistry, Cellular, & Molecular Biology

Students: Yara Peig

2nd Place: Different Wing Design, More or Less Distance?

Project ID: 209210

School: Young Women's Leadership Academy

Division: Junior

Category: Engineering: Electrical & Mechanical

Students: Ximena Martinez

3rd Place: Can an electromagnet be used to soften the fall of an elevator?

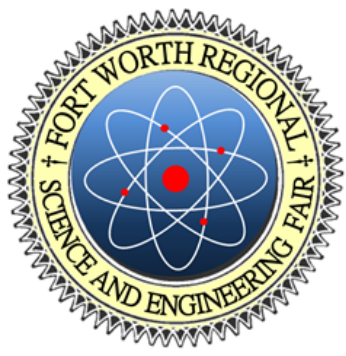
Project ID: 188145

School: St. Elizabeth Ann Seton Catholic Middle School

Division: Junior

Category: Engineering: Materials & Bioengineering

Students: Sammi Koelling



2023 Fort Worth Regional Science and Engineering Fair

National Oceanic & Atmospheric Administration

1st Place: Can utilizing a temperature histogram based on historical data predict a warming trend in North Texas?

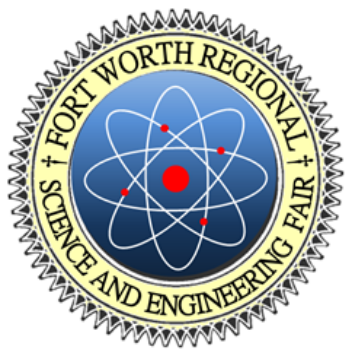
Project ID: 204144

School: Harmony School Of Innovation Middle School (Fort Worth)

Division: Junior

Category: Earth & Planetary Sciences

Students: Sydney Resendez



2023 Fort Worth Regional Science and Engineering Fair

Native Plant Society Award

1st Place: Is drip irrigation actually good for plants?

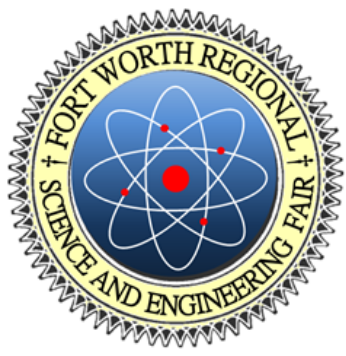
Project ID: 208653

School: Young Women's Leadership Academy

Division: Junior

Category: Environmental Management & Sciences

Students: Teagan Autry



2023 Fort Worth Regional Science and Engineering Fair

Office of Naval Research - U.S. Navy and U.S. Marine Corps

1st Place: Floating Steel Objects

Project ID: 183513

School: St. Elizabeth Ann Seton Catholic Middle School

Division: Junior

Category: Physics & Astronomy

Students: Kathryn Brinkley

1st Place: Can an electromagnet be used to soften the fall of an elevator?

Project ID: 188145

School: St. Elizabeth Ann Seton Catholic Middle School

Division: Junior

Category: Engineering: Materials & Bioengineering

Students: Sammi Koelling

1st Place: Hydraulic Lifts

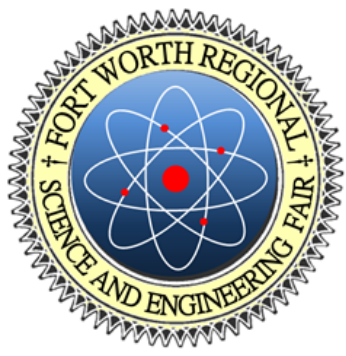
Project ID: 201520

School: Harmony Academy - Euless Middle School

Division: Junior

Category: Engineering: Electrical & Mechanical

Students: Yaseen Shaik



2023 Fort Worth Regional Science and Engineering Fair

Office of Naval Research - U.S. Navy and U.S Marine Corps

1st Place: Thermal Effects on Voltaic Output in Galvanic Cells

Project ID: 207953

School: Harmony School Of Innovation Middle School (Fort Worth)

Division: Junior

Category: Energy & Transportation

Students: Jordan Thomas

1st Place: Heating the colors of the rainbow

Project ID: 208470

School: Harmony School Of Innovation Middle School (Fort Worth)

Division: Junior

Category: Physics & Astronomy

Students: Chace Hocate

1st Place: The Power Of Pulleys

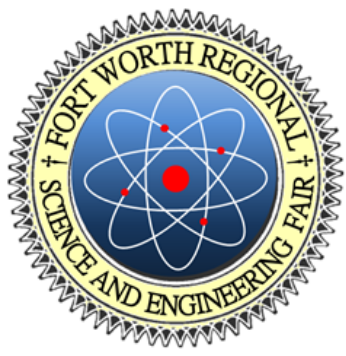
Project ID: 208728

School: Bowie Junior High School

Division: Junior

Category: Engineering: Electrical & Mechanical

Students: Xander Jones



2023 Fort Worth Regional Science and Engineering Fair

Society of Allied Weight Engineers - Texas Chapter

2nd Place: Geodesic Dome Science Fair Experiment

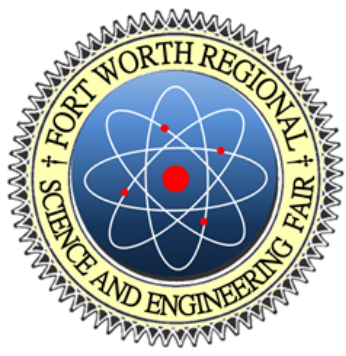
Project ID: 182877

School: St. Elizabeth Ann Seton Catholic Middle School

Division: Junior

Category: Engineering: Materials & Bioengineering

Students: Rebecca Karl



2023 Fort Worth Regional Science and Engineering Fair

Society of Flight Test Engineers - North Texas Chapter

1st Place: Wind Turbine Efficiency Project

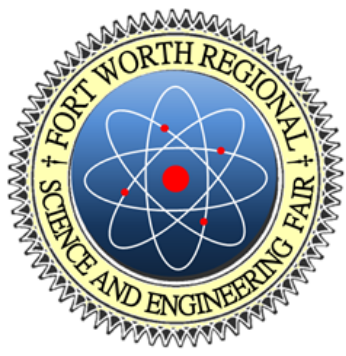
Project ID: 186149

School: St. Elizabeth Ann Seton Catholic Middle School

Division: Junior

Category: Energy & Transportation

Students: Julianna Swigart



2023 Fort Worth Regional Science and Engineering Fair

UTA College of Science

1st Place: Thermal Effects on Voltaic Output in Galvanic Cells

Project ID: 207953

School: Harmony School Of Innovation Middle School (Fort Worth)

Division: Junior

Category: Energy & Transportation

Students: Jordan Thomas

2nd Place: LED butterfly

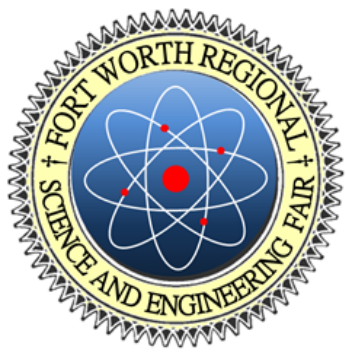
Project ID: 192287

School: Liberty Christian School MS

Division: Junior

Category: Animal Sciences

Students: Ella Holmes



2023 Fort Worth Regional Science and Engineering Fair

UTA Provost Office

1st Place: Thermal Effects on Voltaic Output in Galvanic Cells

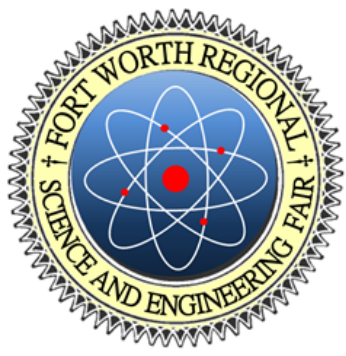
Project ID: 207953

School: Harmony School Of Innovation Middle School (Fort Worth)

Division: Junior

Category: Energy & Transportation

Students: Jordan Thomas



2023 Fort Worth Regional Science and Engineering Fair

Water Environment Association of Texas

1st Place: Is drip irrigation actually good for plants?

Project ID: 208653

School: Young Women's Leadership Academy

Division: Junior

Category: Environmental Management & Sciences

Students: Teagan Autry

2nd Place: The Best Water Purification Method

Project ID: 208535

School: Harmony Science Academy Carrollton - Middle School

Division: Junior

Category: Biochemistry, Cellular, & Molecular Biology

Students: Yara Peig

3rd Place: The Effect of Ultraviolet Radiation on Bacterial Growth

Project ID: 190866

School: Harmony Academy - Euless Middle School

Division: Junior

Category: Medicine & Health Sciences

Students: Azra Damirli