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### Fort Worth Regional Science Fair Winners Directory



Award: Air & Waste Foundation

First Place: Alexandria Coward Division: I Category: All Categories 00096

Project: How hot can you get?

School SUMMIT INTERNATIONAL HIGH SCHOOL Advisor Pope Brandon

First Place: Cera Masters Division: I Category: All Categories 00096

Project: How hot can you get?

School SUMMIT INTERNATIONAL HIGH SCHOOL Advisor Pope Brandon

First Place: Spencer Kendall Division: I Category: All Categories 00436

Project: Analysing the effectiveness of applying the mathematical Fibonacci Sequence to modern solar panel designs.

School HARMONY SCHOOL OF NATURE & ATHLETI Advisor Wakeley Dawn

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# Fort Worth Regional Science Fair Winners Directory



Award: American Induatrial Hygiene Association

First Place: Noemi Solis Division: I Category: All Categories 00141

Project: RING... RING...

School EVERMAN HIGH SCHOOL Advisor Larry

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## Fort Worth Regional Science Fair Winners Directory



00460

Award: American Industrial Hygiene Association

Division: II Category: All Categories

Project: Effectiveness of a sound blanket during oil and gas drilling rig near residential area./em>

School NORTH JOSHUA ELEMENTARY Advisor Jones Patti

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## Fort Worth Regional Science Fair Winners Directory



Award: American Meteorological Society/ National Weather Association, NT

First Place: Cameron Mutis Division: I Category: All Categories 00484

Project: Are We Acidifying Our Oceans?

School LIBERTY CHRISTIAN HIGH SCHOOL Advisor Michalek Jamie

First Place: Lizzie Paulos Division: I Category: All Categories 00484

Project: Are We Acidifying Our Oceans?

School LIBERTY CHRISTIAN HIGH SCHOOL Advisor Michalek Jamie

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### Fort Worth Regional Science Fair Winners Directory



Award: American Meteorological Society/ National Weather Association, NT

First Place: Mireya Snyder Division: II Category: All Categories 00415

Project: Twisted Weather!

School LIBERTY CHRISTIAN SCHOOL Advisor Mouser Aaron

Second Place: Dawson Fuller Division: II Category: All Categories 00361

Project: Effects of Acid Rain on Aquatic Life

School LIBERTY CHRISTIAN SCHOOL Advisor Mouser Aaron

Third Place: Melissa Thapa Division: II Category: All Categories 00240

Project: Stilt Homes Put to the Test: Preventing Hurricane Damage

School HARMONY SCHOOL OF NATURE & ATHLETI Advisor Cardwell Cory

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### Fort Worth Regional Science Fair Winners Directory



Award: American Psychological Association

First Place:	Minhchau Vu	Division: I	Category: All Categories	00179
Project: I Saw	What You Did Too, Or Did I?			

School **SUMMIT INTERNATIONAL HIGH SCHOOL** Advisor **Pope Brandon** 

First Place: Kenya Guardado Division: I Category: All Categories 00179

Project: I Saw What You Did Too, Or Did I?

School SUMMIT INTERNATIONAL HIGH SCHOOL Advisor Pope Brandon

First Place: Grace Obanigba Division: I Category: All Categories 00179

Project: I Saw What You Did Too, Or Did I?

School SUMMIT INTERNATIONAL HIGH SCHOOL Advisor Pope Brandon

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# Fort Worth Regional Science Fair Winners Directory



Award: ASM International Materials Education Foundation

First Place: Deja Rosson Division: I Category: All Categories 00534

Project: Safety First

School EVERMAN HIGH SCHOOL Advisor Larry

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# Fort Worth Regional Science Fair Winners Directory



Award: Association for Women Geoscientists

First Place: Celeste Munoz Division: I Category: All Categories 00083

Project: Oops a Spill

School EVERMAN HIGH SCHOOL Advisor Matlock Courtney

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## Fort Worth Regional Science Fair Winners Directory



Award: Charlie Mary Noble Award in Astronomy

First Place: Aris Taychameekiatchai Division: I Category: All Categories 00347

Project: Relating X-ray Luminosity of AGNs to the total power of their Corresponding Black Holes

School TEXAS ACADEMY OF MATHEMATICS AND S Advisor Fleming Donna

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# Fort Worth Regional Science Fair Winners Directory



Award: Delbert E Lawry Award

First Place: Shannon Fischer Division: II Category: All Categories 00178

Project: Dream Juice

School E.A. YOUNG ACADEMY Advisor Raymond Carol

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## Fort Worth Regional Science Fair Winners Directory



Award: **Devon Energy Corporation** 

First Place: Celeste Munoz Division: I Category: All Categories 00083

Project: Oops a Spill

School EVERMAN HIGH SCHOOL Advisor Matlock Courtney

Second Place: Brooklyn Ude Division: I Category: All Categories 00407

Project: Gasoline Burnout

School EVERMAN HIGH SCHOOL Advisor Larry

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## Fort Worth Regional Science Fair Winners Directory



Award: **Devon Energy Corporation** 

First Place: Maria Spinelli Project: Gas fracking and earthquakes	Division: II	Category: All Categories	00002
School APPLIED LEARNING ACADEMY		Advisor Gordon Denise	
First Place: Yesenia Chavez Project: Gas fracking and earthquakes	Division: II	Category: All Categories	00002
School APPLIED LEARNING ACADEMY		Advisor Gordon Denise	
First Place: Michelle Castaneda Project: Gas fracking and earthquakes	Division: II	Category: All Categories	00002
School APPLIED LEARNING ACADEMY		Advisor Gordon Denise	

Second Place: Udochukwu Orji Division: II Category: All Categories 00460

Project: Effectiveness of a sound blanket during oil and gas drilling rig near residential area./em>

School NORTH JOSHUA ELEMENTARY Advisor Jones Patti

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### Fort Worth Regional Science Fair Winners Directory



Award: Fort Worth Area Psychological Association

First Place: Dauntae Sanchez Division: I Category: All Categories 00332

Project: The Physiological Effects of Sleep Deprivation vs Under the Influence of Alcohol

School NORTHSTAR HIGH SCHOOL Advisor Knickerbocker Tabatha

First Place: Sophia Nguyen Division: I Category: All Categories 00332

Project: The Physiological Effects of Sleep Deprivation vs Under the Influence of Alcohol

School NORTHSTAR HIGH SCHOOL Advisor Knickerbocker Tabatha

Second Place: Yadira Galicia Division: I Category: All Categories 00499

Project: Patience to Intelligence

School EVERMAN HIGH SCHOOL Advisor Larry

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## Fort Worth Regional Science Fair Winners Directory



Award: Fort Worth Area Psychological Association

First Place: Karrington Bradley Division: II Category: All Categories 00530

Project: I don't want to be... All By Myself: Longing to Connect

School HARMONY SCHOOL OF NATURE & ATHLETI Advisor Wakeley Dawn

Second Place: Arthur Yraola Division: II Category: All Categories 00235

**Project: How Video Games Affect Concentration?** 

School HARMONY SCHOOL OF INNOVATION MIDD Advisor Nickolson Sarah

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### Fort Worth Regional Science Fair Winners Directory



Award: Fort Worth Audubon Society

First Place: Evelyn Sanchez Division: I Category: All Categories 00378

Project: Gray is the Green

School SUMMIT INTERNATIONAL HIGH SCHOOL Advisor Pope Brandon

First Place: Valeria Montemayor Division: I Category: All Categories 00378

Project: Gray is the Green

School SUMMIT INTERNATIONAL HIGH SCHOOL Advisor Pope Brandon

First Place: Diego Perez Division: I Category: All Categories 00378

Project: Gray is the Green

School SUMMIT INTERNATIONAL HIGH SCHOOL Advisor Pope Brandon

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## Fort Worth Regional Science Fair Winners Directory



Award: Fort Worth Audubon Society

First Place: Rayni Skaggs Division: II Category: All Categories 00061

Project: Roundup from The Roots Up

School ACTON MIDDLE SCHOOL Advisor Carpenter Scott

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### Fort Worth Regional Science Fair Winners Directory



Award: Institute of Electrical and Electronics Engineers

First Place: Terrance Hall Division: I Category: All Categories 00172

Project: Graphene-Based Microelectrodearrays for Neuronal Sensing

School GAINESVILLE HIGH SCHOOL Advisor David

Second Place: Afeefah Khazi-Syed Division: I Category: All Categories 00057

Project: Dye-Sensitized Solar Cells: The Artificial Leaf

School HARMONY SCHOOL OF INNOVATION HIGH Advisor Petta Paulette

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### Fort Worth Regional Science Fair Winners Directory



Award: Institute of Electrical and Electronics Engineers

First Place: Noah Ferguson Division: II Category: All Categories 00506

Project: Do Different Substances Change the Effectiveness of an Electromagnetic Pulse

School E.A. YOUNG ACADEMY Advisor Raymond Carol

Second Place: Lauren Wallace Division: II Category: All Categories 00147

Project: Investigating the Pioneer Anomaly

School GRANBURY MIDDLE SCHOOL Advisor Lynch Andrea

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## Fort Worth Regional Science Fair Winners Directory



Award: Intel Excellence in Computer Science

First Place: Jiacheng Jason He Division: I Category: All Categories 00160

Project: Detecting Heart Disease Faster

School TEXAS ACADEMY OF MATHEMATICS AND S Advisor Zhong Justin

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#### Fort Worth Regional Science Fair Winners Directory



Award: Lockheed Martin Aeronautics Company

First Place: Afeefah Khazi-Syed Division: I Category: All Categories 00057

Project: Dye-Sensitized Solar Cells: The Artificial Leaf

School HARMONY SCHOOL OF INNOVATION HIGH Advisor Petta Paulette

Second Place: Susmi Sayana Division: I Category: All Categories 00450

Project: Influence of Irradiation of Polymer Concretes with polypropylene fibers reinforced and on Polypropylene

used in medical devices

School TEXAS ACADEMY OF MATHEMATICS AND S Advisor Fleming Donna

Second Place: Nicolo De La Cruz Division: I Category: All Categories 00450

Project: Influence of Irradiation of Polymer Concretes with polypropylene fibers reinforced and on Polypropylene

used in medical devices

School TEXAS ACADEMY OF MATHEMATICS AND S Advisor Fleming Donna

Third Place: Christopher Shen Division: I Category: All Categories 00129

Project: Electrowetting and Liquid PrismBeam-Steering Modules: Fabrication and Analysis

School TEXAS ACADEMY OF MATHEMATICS AND S Advisor Fleming Donna

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### Fort Worth Regional Science Fair Winners Directory



Award: Lockheed Martin Aeronautics Company

First Place:	Jacob Pierce	Division: II Category: All Categories	00541
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Project: We Knead" Gluten Free Bread! When Do We "Knead" it? NOW!"

School HOLY FAMILY CATHOLIC MIDDLE SCHOOL Advisor Carleo Tara

Second Place: Calleigh Johnson Division: II Category: All Categories 00321

Project: The Breaking Point

School E.A. YOUNG ACADEMY Advisor Raymond Carol

Third Place: Cameron Jensen Division: II Category: All Categories 00150

Project: ATTIC INSULATION TESTING

School ST. MARIA GORETTI SCHOOL Advisor Spaulding Gary

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### Fort Worth Regional Science Fair Winners Directory



Award: Lockheed Martin Aeronautics Leadership Association

First Place: Jiacheng Jason He Division: I Category: All Categories 00160

Project: Detecting Heart Disease Faster

School TEXAS ACADEMY OF MATHEMATICS AND S Advisor Zhong Justin

Second Place: Dolores 'Avery' Owens Division: I Category: All Categories 00461

Project: Bacteria Resistance to Antibiotics

School HARMONY SCHOOL OF INNOVATION HIGH Advisor Nickolson Sarah

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### Fort Worth Regional Science Fair Winners Directory



Award: Lockheed Martin Aeronautics Leadership Association

First Place: Aureliano Reyes Division: II Category: All Categories 00449

Project: What Is the Effect of Temperature, Heat and Cold, on Championship Penn Tennis Balls When They Collide

with a Solid Barrier?/strong>

School CHRISTIAN COTTAGE PREP MIDDLE SCHOO Advisor Willis Teri

Second Place: Addy Bowen Division: II Category: All Categories 00019

Project: Which Soap is the Best at Getting Rid of Germs

School NORTH JOSHUA ELEMENTARY Advisor Jones Patti

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### Fort Worth Regional Science Fair Winners Directory



Award: Mu Alpha Theta

First Place: Robert Tung Division: I Category: Mathematical Science 00149

Project: A Novel Statistical Representation of Education and Development to Improve Overall Performance

School TEXAS ACADEMY OF MATHEMATICS AND S Advisor Fleming Donna

First Place: Yang-Chieh Chen Division: I Category: Mathematical Science 00149

Project: A Novel Statistical Representation of Education and Development to Improve Overall Performance

School TEXAS ACADEMY OF MATHEMATICS AND S Advisor Fleming Donna

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# Fort Worth Regional Science Fair Winners Directory



Award: National Oceanic & Atmospheric Administration

First Place: Dawson Fuller Division: II Category: All Categories 00361

Project: Effects of Acid Rain on Aquatic Life

School LIBERTY CHRISTIAN SCHOOL Advisor Mouser Aaron

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## Fort Worth Regional Science Fair Winners Directory



Award: Radio Shack Corporation

First Place: Alex Gonzalez Division: I Category: All Categories 00200

Project: The Paper Circuit

School EVERMAN HIGH SCHOOL Advisor Matlock Courtney

Second Place: Kaylee Brawner Division: I Category: All Categories 00093

Project: The Effects of Solar Energy Concentration on Photovoltaic Panel Efficiency

School CROSSLAND 9TH GRADE CENTER Advisor Morris Kayli

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## Fort Worth Regional Science Fair Winners Directory



Award: Radio Shack Corporation

First Place: Calleigh Johnson Division: II Category: All Categories 00321

Project: The Breaking Point

School E.A. YOUNG ACADEMY Advisor Raymond Carol

Second Place: Anish Omprakash Division: II Category: All Categories 00151

Project: Generate electricity from heat: Seebeck effect

School HARMONY ACADEMY - EULESS MIDDLE SC Advisor Samuel Theograpi

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## Fort Worth Regional Science Fair Winners Directory



Award: Ricoh Sustainable Development Award

First Place: Spencer Kendall Division: I Category: All Categories 00436

Project: Analysing the effectiveness of applying the mathematical Fibonacci Sequence to modern solar panel designs.

School HARMONY SCHOOL OF NATURE & ATHLETI Advisor Wakeley Dawn

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## Fort Worth Regional Science Fair Winners Directory



Award: Sigma Kappa Marge Barnes Award in Medicine & Health

First Place: Dolores 'Avery' Owens Division: I Category: All Categories 00461

Project: Bacteria Resistance to Antibiotics

School HARMONY SCHOOL OF INNOVATION HIGH Advisor Nickolson Sarah

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### Fort Worth Regional Science Fair Winners Directory



Award: Society of Allied Weight Egineers

First Place: Taylor Carlile Division: I Category: All Categories 00420

Project: Balanced or Unbalanced: It's a Question of Maneuverability.

School CROSSLAND 9TH GRADE CENTER Advisor Morris Kayli

Second Place: Tyler Dondrea Division: I Category: All Categories 00219

Project: Dimpled Flight

School LIBERTY CHRISTIAN HIGH SCHOOL Advisor Michalek Jamie

Second Place: Brayden Dragoo Division: I Category: All Categories 00219

Project: Dimpled Flight

School LIBERTY CHRISTIAN HIGH SCHOOL Advisor Michalek Jamie

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## Fort Worth Regional Science Fair Winners Directory



Award: Society of Allied Weight Egineers

First Place: Johann Jackson Division: II Category: All Categories 00153

Project: car shape vs. car speed

School HARMONY ACADEMY - EULESS MIDDLE SC Advisor Samuel Theograpi

Second Place: Gabriel Briski Division: II Category: All Categories 00078

Project: Baseball Physics

School ST. ELIZABETH ANN SETON CATHOLIC MID

Advisor Arnold Katherine

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### Fort Worth Regional Science Fair Winners Directory



Award: Society of Flight Test Engineers

First Place: Taylor Carlile Division: I Category: All Categories 00420

Project: Balanced or Unbalanced: It's a Question of Maneuverability.

School CROSSLAND 9TH GRADE CENTER Advisor Morris Kayli

Second Place: Brayden Dragoo Division: I Category: All Categories 00219

Project: Dimpled Flight

School LIBERTY CHRISTIAN HIGH SCHOOL Advisor Michalek Jamie

Second Place: Tyler Dondrea Division: I Category: All Categories 00219

Project: Dimpled Flight

School LIBERTY CHRISTIAN HIGH SCHOOL Advisor Michalek Jamie

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## Fort Worth Regional Science Fair Winners Directory



Award: Society of Flight Test Engineers

First Place: Steven Fayne Speer Division: II Category: All Categories 00242

Project: Lift Vs. Drag

School HARMONY ACADEMY - EULESS MIDDLE SC Advisor Ceylan Yavuz

Second Place: Thomas Robinson Division: II Category: All Categories 00367

Project: Rocket Fuel

School WESTLAKE ACADEMY MIDDLE SCHOOL Advisor Andova Lenka

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### Fort Worth Regional Science Fair Winners Directory



Award: U.S. Air Force

First Place: Quinn Kelley Division: I Category: All Categories 00478

**Project: Sound Barriers** 

School R.L. PASCHAL HIGH SCHOOL Advisor Yanney Wendy

First Place: Christopher Shen Division: I Category: All Categories 00129

Project: Electrowetting and Liquid PrismBeam-Steering Modules: Fabrication and Analysis

School TEXAS ACADEMY OF MATHEMATICS AND S Advisor Fleming Donna

First Place: Alexander Lu Division: I Category: All Categories 00098

Project: Eddy Current Analysis on Scratched Vapor Deposited Silver.

School TEXAS ACADEMY OF MATHEMATICS AND S Advisor Fleming Donna

First Place: Afeefah Khazi-Syed Division: I Category: All Categories 00057

Project: Dye-Sensitized Solar Cells: The Artificial Leaf

School HARMONY SCHOOL OF INNOVATION HIGH Advisor Petta Paulette

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# Fort Worth Regional Science Fair Winners Directory



Award: U.S. Metric Association

First Place: Dulce Almanza Division: I Category: All Categories 00366

Project: Alternating Inertia Balances

School EVERMAN HIGH SCHOOL Advisor Larry

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#### Fort Worth Regional Science Fair Winners Directory



Award: U.S. Navy / U.S. Marine Corps

First Place: Brayden Dragoo Division: I Category: All Categories 00219

Project: Dimpled Flight

School LIBERTY CHRISTIAN HIGH SCHOOL Advisor Michalek Jamie

First Place: Tyler Dondrea Division: I Category: All Categories 00219

Project: Dimpled Flight

School LIBERTY CHRISTIAN HIGH SCHOOL Advisor Michalek Jamie

First Place: Taylor Carlile Division: I Category: All Categories 00420

Project: Balanced or Unbalanced: It's a Question of Maneuverability.

School CROSSLAND 9TH GRADE CENTER Advisor Morris Kayli

First Place: Quinn Kelley Division: I Category: All Categories 00478

**Project: Sound Barriers** 

School R.L. PASCHAL HIGH SCHOOL Advisor Yanney Wendy

First Place: Priyanka Rangadass Division: I Category: All Categories 00492

Project: The role of maternal diet in fetal imprinting and autism

School SUMMIT INTERNATIONAL HIGH SCHOOL Advisor Pope Brandon

First Place: Herbert Freeman Division: I Category: All Categories 00275

Project: Matrix Cryptography

School HARMONY SCHOOL OF NATURE & ATHLETI Advisor Wakeley Dawn

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#### Fort Worth Regional Science Fair Winners Directory



Award: US EPA

Honorable Mention: Kaylee Brawner Division: I Category: All Categories 00093

Project: The Effects of Solar Energy Concentration on Photovoltaic Panel Efficiency

School CROSSLAND 9TH GRADE CENTER Advisor Morris Kayli

Honorable Mention: Spencer Kendall Division: I Category: All Categories 00436

Project: Analysing the effectiveness of applying the mathematical Fibonacci Sequence to modern solar panel designs.

School HARMONY SCHOOL OF NATURE & ATHLETI Advisor Wakeley Dawn

Honorable Mention: Joanne Shang Division: I Category: All Categories 00445

Project: Geothermal Study of Archaeal Glycerol Dialkyl Glycerol Tetraether Lipids in Yunnan, Chinabr>

School TEXAS ACADEMY OF MATHEMATICS AND S Advisor Zhong Justin

Honorable Mention: Raviteja Linginen Division: I Category: All Categories 00227

Project: Induction Generator Based Energy Recovery System from vehicular motion

School TEXAS ACADEMY OF MATHEMATICS AND S Advisor Fleming Donna

Honorable Mention: Afeefah Khazi-Sy Division: I Category: All Categories 00057

Project: Dye-Sensitized Solar Cells: The Artificial Leaf

School HARMONY SCHOOL OF INNOVATION HIGH Advisor Petta Paulette

Honorable Mention: Cameron Mutis Division: I Category: All Categories 00484

Project: Are We Acidifying Our Oceans?

School LIBERTY CHRISTIAN HIGH SCHOOL Advisor Michalek Jamie

Honorable Mention: Lizzie Paulos Division: I Category: All Categories 00484

Project: Are We Acidifying Our Oceans?

School LIBERTY CHRISTIAN HIGH SCHOOL Advisor Michalek Jamie

Honorable Mention: Kiyeon Lee Division: I Category: All Categories 00548

Project: Dye-Sensitized Solar Cells Year 2-Increasing the Operational Lifespan and Energy Output

School HARMONY ACADEMY - EULESS HIGH SCHO Advisor Apte Shireesh

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## Fort Worth Regional Science Fair Winners Directory



Honorable Mention: Yuyeon Lee Division: I Category: All Categories 00548

Project: Dye-Sensitized Solar Cells Year 2-Increasing the Operational Lifespan and Energy Output

School HARMONY ACADEMY - EULESS HIGH SCHO

Advisor Apte Shireesh

Honorable Mention: InHo Kim Division: I Category: All Categories 00479

Project: Acid Factor

School R.L. PASCHAL HIGH SCHOOL Advisor Yanney Wendy

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# Fort Worth Regional Science Fair Winners Directory



Award: US EPA

Honorable Mention: Tj Brakel Project: Electric Fruit	Division: II	Category: All Categories	00022
School NORTH JOSHUA ELEMENTARY  Honorable Mention: William Porter  Project: Electric Fruit	Division: <b>II</b>	Advisor Jones Patti Category: All Categories	00022
School NORTH JOSHUA ELEMENTARY		Advisor Jones Patti	
Honorable Mention: Saad Mohammed Project: From Trash to Gas	Division: II	Category: All Categories	00169
School HARMONY SCHOOL OF INNOVATION	MIDD	Advisor <b>Akay Emrah</b>	
Honorable Mention: Heather Harringto Project: Windmill Generator	Division: II	Category: All Categories	00251
School AG ELDER ELEMENTARY		Advisor <b>Lee</b>	
Honorable Mention: Kelsie Stapleton Project: Windmill Generator	Division: II	Category: All Categories	00251
School AG ELDER ELEMENTARY		Advisor <b>Lee</b>	
Honorable Mention: Justin Sandoval Project: The effect of acid rain on the Dracaena and	Division: II d Elodea plants	Category: All Categories	00211
School APPLIED LEARNING ACADEMY		Advisor Gordon Denise	
Honorable Mention: Mauricio Carreter Project: The effect of acid rain on the Dracaena and	Division: II d Elodea plants	Category: All Categories	00211
School APPLIED LEARNING ACADEMY		Advisor Gordon Denise	
Honorable Mention: Jose A. Alcala Jr Project: Irradiation Mutations	Division: II	Category: All Categories	00246
School SUMMIT INTERNATIONAL MIDDLE S	CHOOL	Advisor Pope Brandon	

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#### Fort Worth Regional Science Fair Winners Directory



Honorable Mention: Victoria Covarrub Division: II Category: All Categories 00246

**Project: Irradiation Mutations** 

School SUMMIT INTERNATIONAL MIDDLE SCHOOL Advisor Pope Brandon

Honorable Mention: Valeria Escobar Division: II Category: All Categories 00246

**Project: Irradiation Mutations** 

School SUMMIT INTERNATIONAL MIDDLE SCHOOL Advisor Pope Brandon

Honorable Mention: Joshua MacKaron Division: II Category: All Categories 00035

Project: Green Clean: Effects of oil spill cleaning agents on aquatic plant life

School WESTLAKE ACADEMY MIDDLE SCHOOL Advisor Andova Lenka

Honorable Mention: Laurel Champagn Division: II Category: All Categories 00035

Project: Green Clean: Effects of oil spill cleaning agents on aquatic plant life

School WESTLAKE ACADEMY MIDDLE SCHOOL Advisor Andova Lenka

Honorable Mention: Tricia Glasscock Division: II Category: All Categories 00525

Project: Decomposition

School HD STAPLES ELEMENTARY Advisor Allen Jeana

Honorable Mention: Adriana Robledo Division: II Category: All Categories 00086

Project: A comparison of nitrogen pollution on grasses

School APPLIED LEARNING ACADEMY Advisor Gordon Denise

Honorable Mention: Marisol Garcia Division: II Category: All Categories 00086

Project: A comparison of nitrogen pollution on grasses

School APPLIED LEARNING ACADEMY Advisor Gordon Denise

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# Fort Worth Regional Science Fair Winners Directory



Advisor Michalek Jamie

Award: Water Environment Association of Texas

School LIBERTY CHRISTIAN HIGH SCHOOL

First Place: Jennifer Metu Project: Mutant Of E. Coli Vs Wild Type E. Coli	Division: I	Category: All Categories	00289
School TRINITY HIGH SCHOOL		Advisor Kamin Kim	
Second Place: Celeste Munoz Project: Oops a Spill	Division: I	Category: All Categories	00083
School EVERMAN HIGH SCHOOL		Address Made L. C.	
Street Ethinin indipenses		Advisor Matlock Courtney	İ
Third Place: Lizzie Paulos Project: Are We Acidifying Our Oceans?	Division: I		00484
Third Place: Lizzie Paulos	Division: I		00484

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# Fort Worth Regional Science Fair Winners Directory



Award: Yale Science & Engineering Association

First Place: Elisha Valentine Division: I Category: All Categories 00350

Project: Elements Light

School EVERMAN HIGH SCHOOL Advisor Larry