



Diocesan Science Fair 2010

Overall school winners

1st place **St. Joseph**
2nd place **St. Patrick**
3rd place **St. Veronica**

Category winners

Behavioral and Social Science

1st Catherine Barr	St. Luke	Colors, Careers and Cognition
2nd Lydia Bobbitt	St. Mark	Effect of Brand name on Buyer's Opinion of Clothing
3rd Joseph Turner	St. Leo	Political Bias? It's a Matter of Opinion
HM Justina Whearty	Holy Spirit	I Walk the Line
HM Tiffany Vo	St. Veronica	Comparing Types of Music on Heart Rate
HM Quinnlan Sweeney	Corpus Christi	Cell Phones: Do You Love Them to Death?
HM Kim Rieder	St. Joseph	Color Confusion

Biochemistry

1st Christopher Hoyle	St. Joseph	Analyzing DNA
2nd Jordan Kijewski	St. Timothy	Yeast: Which One Rises to the Top?
3rd Marie Quinn	St. Veronica	Vitamin C Look At Me!
HM Sarah Beidleman	St. Timothy	Is It a Sticky Situation?
HM Emma Merrill	St. Bernadette	The Effect of Temperature on Glucose
HM Caley Gormley	St. Leo	Clean the Top, So you Don't Drop
HM Katherine Kennedy	St. John	When Heart Burn Attacks
HM Amy Millis	St. Patrick	The Truth in Fakes

Botany

1st Julia Gorka	St. John	Plants in Space
2nd Andrew Roberts	Nativity	What's The Pea H?
2nd Scott Kurtze	OLGC	Plant Wars
3rd Julia Kulczycki	Holy Family	The More is Not the Marrier
HM Alex Mattei	Our Lady of Hope	Nuked or Not Which is Better?
HM Joseph Artabane	Blessed Sacrament	What is the Best Fertilizer?

HM Mary Moynihan	St. Andrew	Studying Bacteria in Holy Water
HM Mary Lack	Holy Family	Fertilizers: Natural vs. Artificial
HM Jessica Ong	St. Leo	Which H ₂ O Makes it Grow?

Chemistry

1st Brenna DeBellis	St. Joseph	The Effect of Chlorine Bleach on Swimsuits
2nd Anna Cassidy	St. Patrick	The Moistest Moisturizer
3rd Allyson D'Esopo	St. Veronica	Electrolyte Face-Off
HM Madison Nguyen	St. Andrew	Alcohol Based Reactions
HM MacKenzie Lane	St. Patrick	Marshmallow Fever
HM Paul Jesukiewicz	St. Ann	Saturation Guaranteed!
HM Claudia Dubay	St. Veronica	Burning Up
HM Nicole Murphy	Epiphany	Shedding the Light on Evidence
HM Louisa Doyle	St. Ann	The Melt Down
HM Bryce Brynteson	St. Louis	Which Brand of Popcorn

Computer Science

1st John Paul Gurley	St. Veronica	Comparing the Speed of Graphics Cards
2nd Joseph Sardegna	Corpus Christi	The Pits & Valleys of Data Storage
3rd Olivia Schindler	St. Leo	Why Not Give it a Try?

Earth & Space Science

1st Maggie Hunter	St. Timothy	Tales of Contrails
2nd Amber Boutchyard	Epiphany	Predicting the Weather
3rd Ann Kogler	St. Ann	Effect of Pollution on Calcium in Seawater

Engineering

1st Jeff McAteer	St. Patrick	Speed vs. Weight
2nd Emily Eisert	St. Leo	Concentrate on the Power of the Sun
3rd Natalie Peredo	Corpus Christi	The Wind that Moves My Blades
HM Wade Madden	St. Mark	Robot Navigation
HM Catherine Squilante	Holy Cross	Skateboard Lubricants
HM Emily Sun	Nativity	Shake It
HM Anna Sobus	St. Patrick	No Leaky Levees
HM Nikolas Martin	Holy Spirit	No Rails? No Problem!
HM Elizabeth Addington	St. Rita	The Absorbency of Paper Towels
HM Emily MacIndoe	St. Patrick	Gone With the Wind

Environmental Science

1st Ryan McKenna	Sacred Heart	There and Back Again
2nd Christopher Blagg	St. Agnes	My Dam Project, Converting Energy

2nd Stephanie Frazier	St. Louis	Comparing Composts
3rd Alexandra Lucchesi	St. Ann	The Carbon Muncher
3rd Heather Barnes	All Saints	Water as Fuel?
HM Nicole Mastracchio	St. Veronica	River Runoff
HM Joseph Tidwell	St. John	Fueling the Future
HM Katherine Healy	St. Mark	Effects of Cold, Heat and Humidity on Paint
HM Julianne Leist	Holy Cross	Zapping Pollution

Math

1st Kaitlyn Shin	St. Timothy	Dot dot dot
2nd Kevin O'Boyle	St. Agnes	A Game of Chance
3rd Liam McCormack	St. Louis	My Pendulum Has a Magnetic Personality
HM Katrina Eichner	St. Agnes	Rock and Roll Numbers
HM Taylor Quinn	St. Thomas More	Type of Dive

Medicine and Health

1st Meredith Cervi	Holy Spirit	Natural Germ Busters
2nd Thomas Rund	St. James	Change Gears, Change Heart Rate
3rd Carolyn Oare	St. Joseph	Does Practice Make Perfect
HM Emilio Vazquez	St. James	Get a Kick Out of Life
HM Jessica Molnar	St. Ambrose	No Bones About It
HM Connor Barron	St. Francis	Are Fingerprint Patterns Inherited?
HM Sydney Stryker	St. Patrick	The Hairy Truth About Olive Oil

Microbiology

1st Jonathan Stine	St. Joseph	Beware of Germs in your home!
2nd Ryan Platt	Sacred Heart	Who will Clean Up IN The Results?
3rd Megan O'Leary	St. Timothy	Fresh!
HM Elizabeth Hofer	St. Agnes	Squeaky Clean
HM Victoria Marcotty	Corpus Christi	Drinkability
HM Sabrina Iriarte	St. Leo	Zit Be Gone
HM Rebecca DeVillers	St. Francis	Soap vs. Sanitizer

Physics

1st Ryan Fairbairn	St. Veronica	Effects of Temperature on Bouncy Balls
2nd Loren Gant	Holy Spirit	Protection in a Jiffy
3rd Christine Mayuga	St. Mark	Effect of Underwater Dolphin Kick
HM Shannon Murry	St. John	Stay on the Sunny Side
HM Maggie McLellan	St. Ann	Marvelous Magnets
HM Benjamin Stine	St. Timothy	Does it Have the Power?
HM Michal Leski	St. James	Insulation Sensation
HM Joseph Gonzales	Holy Family	The Right Hand Rules

HM Gwendolyn Blasco
HM Brigid Ueland
HM Amanda Malloy
HM William Lyu

All Saints
St. Agnes
Nativity
St. Michael

Shhh! Is it Quiet Now?
Baby, It's Cold Outside
What's In Your Walls?
Pulley System: Fixed or Compound

Zoology

1st Mary Daly
1st Matthew Lee
2nd Caroline Peters
3rd Monica Gonzalez
HM Zachary Knerr
HM Connor Toole
HM Matthew Lore
HM Kelly McLean

St. Rita
St. Joseph
St. Timothy
All Saints
St. Patrick
St. Leo
St. Patrick
St. Mark

Tracking the Pack
Effects of Pseudoephedrine
Coping with Copepods
Can You Hear Me?
Cracking Up
Looks Fishy
Hamster Maze
Kelly McLean