

# Winners for our MCS Science Fair 2017

## 8<sup>th</sup> GRADE

**Grand Prize:** Buze Harrison – Is Aquaponics an effective system for growing food?

**1<sup>st</sup> Place:**

Grace Jones – Mathematical patterns in JS Bach compositions.  
Anna Hammond – Homemade vs store bought pH testing paper  
Graham Nelson – Cactus grafting successes  
Gabriella Ganem – Will a warning decrease the chance of someone sending harmful messages or photos?  
Karsyn Cook – Which sports drink contains the most Blue #1 Dye?

**2<sup>nd</sup> Place:**

Thomas Pfaff – What fuel can shoot a canister the farthest?  
Owen Logan – What design of wall would prevent large waves from spillovers?  
Annabelle Kim – Do fears change over time?  
James Crowell – How does spin affect the baseball?  
Cassidy Donaho – Can Sugar content of liquids be measured using a laser?  
Sabrina Nesbitt – How does taste change with age?  
Sean Cavanaugh – How much energy can you generate with a hand crank generator?

**3<sup>rd</sup> Place:**

Nicole Okada, Mia Collier, Sam Thayer, Samantha Brewster, Taylor Nunez, Reilly Davis, Robbie Lee

## 7<sup>th</sup> GRADE

**Grand Prize:** Abigail Tsai – Does birth order affect personality?

**1<sup>st</sup> Place:**

Makena Partington – Which swim stroke results in highest pulse rate?  
Kai Cernich – Cooked or raw, which potato makes the better battery?  
Joshua Liu – What conditions affect a pendulum's swing?  
Dewey Kording – Does the placement of weight affect paper airplane flight?  
Chloe Kim – Which sports drink contains the most Blue #1 Dye?

**2<sup>nd</sup> Place:**

Sheya Lavin – How does amount of salt affect homemade ice cream?  
Hannah Batcheller – Will consistency & taste of a cookie change with different flours?  
Tyson Korkmaz – What climate is ideal for caterpillar growth?  
Mary Callaghan – Does the tone of voice impact a person's impression?  
Elise Fan – How does initial water temperature affect crystal growth?  
Andrew Karges – Which homemade boomerang will travel the farthest?  
Katie Thies – Do dogs like old treats or new treats more?

**3<sup>rd</sup> Place:**

Matthew Parrill, Leo Boyle, Gavin Van Mil, Logan Bray, Michael Woodward, and Joey Swan