

## Sixth Grade

### Biological Science Category

#### Team Projects

1 <sup>st</sup> Place	Raygan Carroll Hattie Orem	Alfalfa? Why it bloats cows?	Cascade Middle School
2 <sup>nd</sup> Place	Harley Bricker Carsyn Otheim	Shelly Stains	Cascade Middle School
3 <sup>rd</sup> Place	Tyler Lane Ian McKamey	Are All Colors Created Equal?	Cascade Middle School

#### Individual Projects

1 <sup>st</sup> Place	Adele Lamb	The Antibiotic Effects of Tumeric	Sunburst Middle School
2 <sup>nd</sup> Place	Natalie Vick	Iron-ic Cereal	Power Middle School
3 <sup>rd</sup> Place	Madeline Schrecengost	Infiltration Situation	Cascade Middle School

### Physical Science Category

#### Team Projects

1 <sup>st</sup> Place	Declan Bergstrom Eli Bodner Walker Maki	On Shaky Ground	Belt Middle School
2 <sup>nd</sup> Place	Christian Aldrich Camron Isaak	Hard-Wired vs. Battery Powered	Cascade Middle School
3 <sup>rd</sup> Place	Alexandra Joyce Adriana Miser	Balance Vs Gravity	Our Lady of Lourdes Catholic School

#### Individual Projects

1 <sup>st</sup> Place	Jared Boetticher	Effects of Temperature on Solar Cells	Power Middle School
2 <sup>nd</sup> Place	Mikayla Toeckes	What Will That Spill Do?	Power Middle School
3 <sup>rd</sup> Place	Kimber Koteskey	Bullet Penetration	Foothills Community Christian School

### Merit Awards

Animal Science	Raygan Carroll Hattie Orem	Alfalfa? Why it bloats cows?	Cascade Middle School
Behavioral Science	Jordyn Stengrimson	Remember That?	Power Middle School
Chemistry	Dani Taylor	Milk to Plastic	Stanford Middle School
Consumer Science	Mikayla Toeckes	What Will That Spill Do?	Power Middle School
Energy: Chemical/Physical	Jared Boetticher	Effects of Temperature on Solar Cells	Power Middle School
Engineering	Kimber Koteskey	Bullet Penetration	Foothills Community Christian School
Environmental	Madeline Schrecengost	Infiltration Situation	Cascade Middle School
Microbiology	Cameron Gaines	MOLD	Ulm Middle School
Physics & Astronomy	Rylan Bowman	Awesome Airfoils	Power Middle School
Plant Science	McKenzi Milburn	Comparing Liquids for Plant Growth	Stanford Middle School

## Seventh Grade

### Biological Science Category

#### Team Projects

1 <sup>st</sup> Place	Emery Briles Audrey Baker	What's On Your Fruit?	Our Lady of Lourdes Catholic School
2 <sup>nd</sup> Place	Reese Paulson Clayton Jassen	Trash to Gas	Belt Middle School
3 <sup>rd</sup> Place	Addi Urick Ella Pethel	The Dirty Truth	Belt Middle School

#### Individual Projects

1 <sup>st</sup> Place	Grace Johnson	Resisting A Rest	Sun River Middle School
2 <sup>nd</sup> Place	Claire Bucklin	Worm Diets and Soil	Sunburst Middle School
3 <sup>rd</sup> Place	Caiden Sekuterski	Do You Have The Best Shades	Ulm Middle School

### Physical Science Category

#### Team Projects

1 <sup>st</sup> Place	Emma Atkinson Hope Madill	Water Works: Hydroelectric Energy	Our Lady of Lourdes Catholic School
2 <sup>nd</sup> Place	Brent Etheridge Jeremiah Creveling	Light Tracking Bristle bots	Cascade Middle School

#### Individual Projects

1 <sup>st</sup> Place	Scotty Sivumaki	Give Pressure the Boot	Sun River Middle School
2 <sup>nd</sup> Place	Will Mishler	I Smell Pennies: Coin Cleaning Solution	Sun River Middle School
3 <sup>rd</sup> Place	Ireland Osentowski	Live Life Clean	Our Lady of Lourdes Catholic School

### Merit Awards

Animal Science	Claire Bucklin	Worm Diets and Soil	Sunburst Middle School
Behavioral Science	Grace Johnson	Resisting A Rest	Sun River Middle School
Chemistry	Will Mishler	I Smell Pennies: Coin Cleaning Solution	Sun River Middle School
Computer Systems & Robotics	Brent Etheridge Jeremiah Creveling	Light Tracking Bristle bots	Cascade Middle School
Consumer Science	Tobyn Petronek	Fishing For Facts	Sun River Middle School
Energy: Chemical/Physical	Emma Atkinson Hope Madill	Water Works: Hydroelectric Energy	Our Lady of Lourdes Catholic School
Engineering	Hudson Rohrer	Irrigation Communication: Time is Money	Sun River Middle School
Environmental	Reese Paulson Clayton Jassen	Trash to Gas	Belt Middle School
Microbiology	Emery Briles Audrey Baker	What's On Your Fruit?	Our Lady of Lourdes Catholic School
Plant Science	Nicole Nau	The Effects of Alkali on Grass Growth	Sunburst Middle School

## Eighth Grade

### Biological Science Category

#### Team Projects

1 <sup>st</sup> Place	Harlie Jackson Sydney Gutierrez	The Deadly Cleanup	Cascade Middle School
2 <sup>nd</sup> Place	Bridger Vogl Keaghn McDaniel	This Is Quite A-Peeling	Belt Middle School
3 <sup>rd</sup> Place	Preslee Carroll Kayleen McKamey	How Does Thermotherapy Affect Blueberries?	Cascade Middle School

#### Individual Projects

1 <sup>st</sup> Place	John Buckley	Soil Bugs	Sunburst Middle School
2 <sup>nd</sup> Place	Richie Andrews	Hay Garden	Belt Middle School
3 <sup>rd</sup> Place	Megan Hout	Grow, Baby, Grow!	Sunburst Middle School

### Physical Science Category

#### Team Projects

1 <sup>st</sup> Place	Hayden Isaak Marshall Byrnes	Weight Distribution	Cascade Middle School
2 <sup>nd</sup> Place	Memphis Black Isaac Maki	Breaking Buildings	Belt Middle School
3 <sup>rd</sup> Place	Josey Hinderager Mason Munroe	Portable Hydroelectric Generator	Sun River Middle School

#### Individual Projects

1 <sup>st</sup> Place	Baylee Herman	Water Logger	Sun River Middle School
2 <sup>nd</sup> Place	Tara Robins	Rusting Out	Sunburst Middle School
3 <sup>rd</sup> Place	Gennavonna Mazza	Catapult Attack!	Sunburst Middle School

### Merit Awards

Animal Science	Harlie Jackson Sydney Gutierrez	The Deadly Cleanup	Cascade Middle School
Behavioral Science	Jolee Davis	Best Foot Forward	Ulm Middle School
Consumer Science	Kodiann Lynn	Organic vs. Nonorganic	Cascade Middle School
Energy: Chemical/Physical	Cassandra Olson	Measuring the speed of light	Sun River Middle School
Engineering	Baylee Herman	Water Logger	Sun River Middle School
Environmental	Conlan Kerfoot	The Affect of pH on Aquatic Life	Sunburst Middle School
Microbiology	Nina Okes	Grading Germs	Sun River Middle School
Plant Science	Richie Andrews	Hay Garden	Belt Middle School

## Special Awards

### ASM Materials Education Foundation

*The ASM Materials Education Foundation's most outstanding exhibit in materials science.*

Memphis Black Isaac Maki	Breaking Buildings	Belt Middle School
-----------------------------	--------------------	--------------------

### Citizens for Clean Energy

*The Great Falls-based Citizens for Clean Energy organization (CCE) recognize science fair projects that address clean renewable energy, environmental protection, resource conservation or ecosystem restoration.*

1 <sup>st</sup> Place	Jared Boetticher	Effects of Temperature on Solar Cells	Power Middle School
2 <sup>nd</sup> Place	Madisyn Peters	Working Water	Centerville Middle School
3 <sup>rd</sup> Place	Reese Paulson Clayton Jassen	Trash to Gas	Belt Middle School

### Office of Naval Research

*The Naval High School Science Awards Program (NSAP) is a U.S. Navy and Marine Corps program that encourages our nation's students to develop and retain an interest in science and engineering. NSAP recognizes the accomplishments of eligible students at regional and state science and engineering fairs and the International Science and Engineering Fair (ISEF) in producing and presenting quality science and engineering projects.*

Grace Johnson	Resisting A Rest	Sun River Middle School
Scotty Sivumaki	Give Pressure the Boot	Sun River Middle School
Baylee Herman	Water Logger	Sun River Middle School
John Buckley	Soil Bugs	Sunburst Middle School

### Society of American Military Engineers (SAME) Awards

Josey Hinderager Mason Munroe	Portable Hydroelectric Generator	Sun River Middle School
Elli Whitney	Memory Mnemonics	Centerville Middle School
Jazmyn Halvorson Daniel Mahana	DNA Dissection	Cascade Middle School
JD Shepard	Filtering Waste with Waste	Belt Middle School
*Nicole Nau	The Effects of Alkali on Grass Growth	Sunburst Middle School

\*Grand Award Winner

### Lemelson Early Inventor Prize

*The Lemelson Early Inventor Prize, sponsored by The Lemelson Foundation, is a \$100 award to be given at Broadcom MASTERS-affiliated fairs in 2019.*

Baylee Herman	Water Logger	Sun River Middle School
---------------	--------------	-------------------------

### US Forest Service Conservation/Environmental Award (Snow Shoe Trip)

Claire Bucklin	Worm Diets and Soil	Sunburst Middle School
Ian Benjamin	More Nitrates? More Algae	Sunburst Middle School
Kennedie Martin Keely Dirkson	Do You Really Want to Touch That?	Belt Middle School
Nicole Nau	The Effects of Alkali on Grass Growth	Sunburst Middle School
Johnny Tingey Nathaniel Gill	Acidic Plants	Belt Middle School
Emma Atkinson Hope Madill	Water Works: Hydroelectric Energy	Our Lady of Lourdes Catholic School
Emma Guter	Fuel of the Future	Our Lady of Lourdes Catholic School
Tobyn Petronek	Fishing For Facts	Sun River Middle School
Reese Paulson Clayton Jassen	Trash to Gas	Belt Middle School
Ireland Osentowski	Live Life Clean	Our Lady of Lourdes Catholic School
Caroline Hermiller	Feathers and Fur	Our Lady of Lourdes Catholic School
Megan Hout	Grow, Baby, Grow!	Sunburst Middle School
Garett Metrione	Tree Ring Growth	Belt Middle School
Conlan Kerfoot	The Affect of pH on Aquatic Life	Sunburst Middle School
Kaydence Waters	Temperature Effects on Erosion	Cascade Middle School
Preslee Carroll Kayleen McKamey	How Does Thermotheory Affect Blueberries?	Cascade Middle School
Sallie Orem	The scoop on cow poop	Cascade Middle School
Baylee Herman	Water Logger	Sun River Middle School
Paige Head	Picky Plants	Sunburst Middle School
Richie Andrews	Hay Garden	Belt Middle School

### Broadcom MASTERS Nominees

The projects listed below are nominated to enter the Broadcom MASTERS (Math, Applied Science, Technology and Engineering Rising Stars), which is the premier science and engineering competition for middle school students.

Baylee Herman	Water Logger	Sun River Middle
Grace Johnson	Resisting A Rest	Sun River Middle
Emma Atkinson Hope Madill	Water Works: Hydroelectric Energy	Our Lady of Lourdes School
Jared Boetticher	Effects of Temperature on Solar Cells	Power Middle School
Adele Lamb	The Antibiotic Effects of Tumeric	Sunburst Middle School
Natalie Vick	Iron-ic Cereal	Power Middle School
Harlie Jackson Sydney Gutierrez	The Deadly Cleanup	Cascade Middle School
Mikayla Toeckes	What Will That Spill Do?	Power Middle School
Madeline Schrecengost	Infiltration Situation	Cascade Middle School
Kimber Koteskey	Bullet Penetration	Foothills Community Christian School
Rylan Bowman	Awesome Airfoils	Power Middle School
Trey Stengrimson	Air Moving Car	Power Middle School
Raygan Carroll Hattie Orem	Alfalfa? Why it bloats cows?	Cascade Middle School
Scotty Sivumaki	Give Pressure the Boot	Sun River Middle
John Buckley	Soil Bugs	Sunburst Middle School