

SIXTH GRADE

BIOLOGICAL SCIENCE CATEGORY

Team Projects

1 st Place	Dirk Wolery Luke Stevenson	Fertilizer Matters	North Star Middle School
2 nd Place	Kyler Petronek Isaac Okes	Droning in on Water Waste	Simms Junior High School
3 rd Place	Makayla Thielman Xaidia Thibert	Thermal Deer Disease Detectors	Simms Junior High School

Individual Projects

1 st Place	Alison Nau	The Effect of a 1% oil spill on Daphnia Magna	North Toole County Junior High School
2 nd Place	Emerson Hoerner	Will You Get a Rise Out of This?	Belt Middle School
3 rd Place	Mya Beausoleil	How do lights affect bugs?	Cut Bank Middle School

PHYSICAL SCIENCE CATEGORY

Team Projects

1 st Place	Tucker LaPlaunt Sam Kirby	Welding Massacre	Belt Middle School
2 nd Place	Jaren Christiaens Trae Hitchcock	Rocket Slam	Valier Middle School
3 rd Place	Riley Peterson Cash Smith Dalton Lombardo	Matchbox Madness	Belt Middle School

Individual Projects

1 st Place	Ashlyn Korst	Ketchup Stain Crisis Averted	Ulm Middle School
2 nd Place	Blake Waldner	Lift Off	Belt Middle School
3 rd Place	Noah Fladager	Solar Power vs. Battery Power	Foothills Community Christian School

MERIT AWARDS

Animal Science	Makayla Thielman Xaidia Thibert	Thermal Deer Disease Detectors	Simms Junior High School
Consumer Science	Michael Miller	Flushable Wipes?	North Toole County Junior High School
Energy: Chemical/Physical	Taya Thomas	Ringin Up Electromagnetic Radiation	Simms Junior High School
	Blake Waldner	Lift Off	Belt Middle School
	Garrett Maroney	I got an idea	Our Lady of Lourdes
Engineering	Chance Carlisle	HoverMower	Simms Junior High School
Environmental	Jerin Nelson	Keeping The Heat In	Simms Junior High School
	Kyler Petronek Isaac Okes	Droning in on Water Waster	Simms Junior High School
	Madison Bjornstad	Comparing the Soil Characteristics of Porosit	North Star Middle School
Medicine & Health	Emerson Hoerner	Will You Get a Rise Out of This?	Belt Middle School
Plant Science	Dirk Wolery Luke Stevenson	Fertilizer Matters	North Star Middle School
	Peyton Hauk	Which fertilizer works the best.	Our Lady of Lourdes

Seventh Grade

BIOLOGICAL SCIENCE CATEGORY

Individual Projects

1 st Place	Rabecka Plute	Water Quality	Simms Junior High School
2 nd Place	Tyler Lane	Stomata in a Leaf	Cascade Middle School
3 rd Place	Jacob Lee	Escape the Vape	Simms Junior High School

Team Projects

1 st Place	Brenya Thompson Zoey Wright	Concentration Sensation	Simms Junior High School
2 nd Place	Hal McGregor Jack Snyder	Proper Efficiency	Cascade Middle School
3 rd Place	Luke Highfill Hans Bumgarner	Swish	Belt Middle School

PHYSICAL SCIENCE CATEGORY

Individual Projects

1 st Place	Kaylee Zietzke	Furious Fires Two	Simms Junior High School
2 nd Place	Madisyn Peters	Windy Work	Centerville Middle School
3 rd Place	Brylee Wright	Hydration Indication	Simms Junior High School

Team Projects

1 st Place	Maxwell Munroe Aydan Estes	Where is Your Water Running?	Simms Junior High School
2 nd Place	Izaak Munski Sterling Byrnes	What's in Your Water?	Cascade Middle School
3 rd Place	Kali Sargent Madison Van Wechel	Plop, Plop, Fizz, Fizz	North Star Middle School

MERIT AWARDS

Animal Science	Kenzie Allen	Protein Punch	Simms Junior High School
Behavioral Science	Franklin Postma Virgil Manthey	How Loud?	North Toole County Junior High School
	Adalynn Jensen	Memory Game	Ulm Middle School
Biochemistry	Addee Hoffman	Moo Moo Milk	Belt Middle School
Engineering	Brylee Wright	Hydration Indication	Simms Junior High School
Environmental	Kaylee Zietzke	Furious Fires Two	Simms Junior High School
	Logan Bickel	The test of the filters	Our Lady of Lourdes
Microbiology	Austin Habets	Does Oil Affect Aquatic Life?	North Toole County Junior High School
Plant Science	Robyn Mathison	Minerals Effect on Plants	Fairfield Middle School

Eighth Grade

BIOLOGICAL SCIENCE CATEGORY

Individual Projects

1 st Place	Ian Benjamin	Plant Growth: Soil vs. Hydroponics	North Toole County Junior High School
2 nd Place	Gabriella Cosme	Aging Threshold of Hearing	North Toole County Junior High School
3 rd Place	Juliann Phillips	Golden Longevity	Ulm Middle School

Team Projects

1 st Place	Kadence Taylor Caroline Hermiller	Fiendish Fertilizers	Our Lady of Lourdes
2 nd Place	Audrey Baker Mackenzie Hauk	Epic Ecosystems	Our Lady of Lourdes
3 rd Place	Brynn Kolste Emma Schenk	Acid Rain	Fairfield Middle School

PHYSICAL SCIENCE CATEGORY

Individual Projects

1 st Place	Madeline Hane	Vapor Capor	Simms Junior High School
2 nd Place	Hudson Rohrer	Sun River Runoff Microplastic Detection	Simms Junior High School
3 rd Place	Emma Atkinson	Controlling Electricity	Our Lady of Lourdes

Team Projects

1 st Place	Carter Fryberger Scotty Sivumaki	Calientes Caballos	Simms Junior High School
2 nd Place	Haidyn Thompson Caiden Makoski	Do your phones actually listen to you?	Simms Junior High School
3 rd Place	Hailey Rasmussen Alyssa Fowler	Save the Trees	Simms Junior High School

MERIT AWARDS

Animal Science	Carter Fryberger Scotty Sivumaki	Calientes Caballos	Simms Junior High School
	Juliann Phillips	Golden Longevity	Ulm Middle School
Behavioral Science	Natalee Downard	Jiggly Jello	Belt Middle School
	Isis Haslem	Color Me Confused	Our Lady of Lourdes
Biochemistry	Ethan Triplett	Moldy Burgers V2	Belt Middle School
Chemistry	Quinn Trueax	Find the "Bis" in Pepto Bismol	North Star Middle School
	Reese VonBergen	Finding the Hidden Sugar	Stanford Middle School
	Braedyn Johnson	Plastique	Cascade Middle School
Energy: Chemical/Physical	Brady Moran	Magnet Power	Belt Middle School
	Emma Atkinson	Controlling Electricity	Our Lady of Lourdes
	Hope Madill	Blown Away	Our Lady of Lourdes
	Nicole Nau	Re-engineering a Wind Turbine	North Toole County High School
Engineering	Macy Herman	3-D Sensing	Simms Junior High School
	Madeline Hane	Vapor Capor	Simms Junior High School
Environmental	Hudson Rohrer	Sun River Runoff Microplastic Detection	Simms Junior High School
	Kadence Taylor Caroline Hermiller	Fiendish Fertilizers	Our Lady of Lourdes
	Claire Bucklin	Hidden Dangers	North Toole County Junior High School
Medicine & Health	Gabriella Cosme	Aging Threshold of Hearing	North Toole County Junior High School
Microbiology	Emma Guter	Fantastic Phages	Our Lady of Lourdes
Plant Science	Carter Campbell Michael Berg	Range Fire Effect	North Star Middle School
	Emily Connor	Radiated Seeds	North Star Middle School
	Kira King Jessie Troup	Leaf It to Photosynthesis	North Star Middle School
	Brynn Kolste Emma Schenk	Acid Rain	Fairfield Middle School
	Ian Benjamin	Plant Growth: Soil vs. Hydroponics	North Toole County Junior High School

SPECIAL AWARDS

ASM MATERIALS EDUCATION FOUNDATION

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

Emma Atkinson	Controlling Electricity	Our Lady of Lourdes
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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 st Place	Nicole Nau	Re-engineering a Wind Turbine for Increased Energy Output	North Toole County Junior High School
2 nd Place	Claire Bucklin	Hidden Dangers	North Toole County Junior High School
3 rd Place	Braedyn Johnson	Plastique	Cascade Middle School
4 th Place	Hudson Rohrer	Sun River Runoff Microplastic Detection	Simms Junior High School

DOD STEM LEADERSHIP PRIZE

The DOD STEM Leadership Prize, sponsored by the Department of Defense, is awarded to the student or team demonstrating excellence in STEM, as well as problem-solving skills and determination to overcome challenges throughout the research project.

Madeline Hane	Vapor Capor	Simms High School
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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.

Nicole Nau	Re-engineering a Wind Turbine	North Toole County Junior High School
Hudson Rohrer	Sun River Runoff Microplastic Detection	Simms Junior High School
Brylee Wright	Hydration Indication	Simms Junior High School
Emma Atkinson	Controlling Electricity	Our Lady of Lourdes

SOCIETY OF AMERICAN MILITARY ENGINEERS (SAME) AWARDS

Kylar Petronek Isaac Okes	Droning in on Water Waste	Simms Junior High School
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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 2020.

Madeline Hane	Vapor Capor	Simms Junior High School
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US FOREST SERVICE CONSERVATION/ENVIRONMENTAL AWARD (SNOW SHOE TRIP)

Kaylee Zietzke	Furious Fires Two	Simms Junior High
Claire Bucklin	Hidden Dangers	North Toole County Junior High School
Austin Habets	Does Oil Affect Aquatic Life?	North Toole County Junior High School
Hudson Rohrer	Sun River Runoff Microplastic Detection	Simms Junior High
Audrey Baker	Epic Ecosystems	Our Lady of Lourdes
Mackenzie Hauk		
Caroline Hermiller	Fiendish Fertilizers	Our Lady of Lourdes
Kadence Taylor		
Aydan Estes	Where is Your Water Running?	Simms Junior High
Adriana Miser	Goodbye Carbon	Our Lady of Lourdes
Maxwell Munroe	Where is Your Water Running?	Simms Junior High
Atley Baldwin	Temperature Stackers	Cascade Middle School
Logan Bickel	The test of the filters	Our Lady of Lourdes
Dylan Hann	Plants vs Water: the Battle of Soil Erosion	Our Lady of Lourdes
Randy Collins	Decomposition of Toilet Paper	Sunburst Middle School
Jacob Melton		
Nico Postma		
William Zaremski	The Greatest Graffiti Remover	Our Lady of Lourdes
Alyssa Fowler	Save the Trees	Simms Junior High School
Hailey Rasmussen		
Xander Brody	Melting Speeds of Ice and Water	Our Lady of Lourdes

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.

Hudson Rohrer	Sun River Runoff Microplastic Detection	Simms Junior High
Rabecka Plute	Water Quality	Simms Junior High
Jacob Lee	Escape the Vape	Simms Junior High
Brenya Thompson	Concentration Sensation	Simms Junior High
Zoey Wright		
Kaylee Zietzke	Furious Fires Two	Simms Junior High
Madisyn Peters	Windy Work	Centerville Middle School
Mya Beausoleil	How do lights affect bugs?	Cut Bank Middle School
Noah Fladager	Solar Power vs. Battery Power	Foothills Community Christian School
Alison Nau	The Effect of a 1% oil spill on Daphnia Magna	Sunburst Middle School
Autumn Marquis	Dove vs. Doterra	Cascade Middle School
Finnah Bloomquist		
Emerson Hoerner	Will You Get a Rise Out of This?	Belt Middle School
Tyler Lane	Stomata in a Leaf	Cascade Middle School
Emma Guter	Fantastic Phages	Our Lady of Lourdes School
Emma Atkinson	Controlling Electricity	Our Lady of Lourdes School
Madeline Hane	Vapor Capor	Simms Junior High
Gabriella Cosme	Aging Threshold of Hearing	Sunburst Middle School
Ian Benjamin	Plant Growth: Soil vs. Hydroponics	Sunburst Middle School
Claire Bucklin	Hidden Dangers	Sunburst Middle School
Austin Habets	Does Oil Affect Aquatic Life?	Sunburst Middle School
Ashlyn Korst	Ketchup Stain Crisis Averted	Ulm Middle School
Juliann Phillips	Golden Longevity	Ulm Middle School