

MIDDLE SCHOOL

8TH GRADE

BIOLOGICAL SCIENCES

<p>1ST PLACE - INDIVIDUAL</p> <p><i>Do Different Dilutions of Disinfectants Affect Bacterial Resistance?</i></p> <p>Teagen Flint</p> <p>DEER PARK SCHOOL</p>	<p>1ST PLACE - TEAM</p> <p><i>The Effect of Temperature on the Germination of Sinapis alba</i></p> <p>Luke Stevenson</p> <p>Dirk Wolery</p> <p>NORTH STAR PUBLIC SCHOOLS</p>
<p>2ND PLACE - INDIVIDUAL</p> <p><i>The Effect of Fertilizer Runoff</i></p> <p>Alison Nau</p> <p>SUNBURST JUNIOR HIGH SCHOOL</p>	<p>2ND PLACE - TEAM</p> <p><i>Arctic Grayling: Montana's Lost Fish</i></p> <p>Chance Carlisle</p> <p>Jerin Nelson</p> <p>SUN RIVER MIDDLE SCHOOL</p>
<p>3RD PLACE - INDIVIDUAL</p> <p><i>Busting Dust - Can It Be Done</i></p> <p>Reed VonStein</p> <p>CASCADE MIDDLE SCHOOL</p>	<p>3RD PLACE - TEAM</p> <p><i>Colorful Minds</i></p> <p>Aubrey Hamlett</p> <p>Kyleigh Klindenberg</p> <p>Autumn Marquis</p> <p>CASCADE MIDDLE SCHOOL</p>

PHYSICAL SCIENCES

<p>1ST PLACE - INDIVIDUAL</p> <p><i>Broken Yokes are Individual Joke</i></p> <p>Mikeyla Shigaki</p> <p>SUN RIVER MIDDLE SCHOOL</p>	<p>1ST PLACE - TEAM</p> <p><i>When Beetles Fly</i></p> <p>Isaac Okes</p> <p>Kyler Petronek</p> <p>SUN RIVER MIDDLE SCHOOL</p>
<p>2ND PLACE - INDIVIDUAL</p> <p><i>Does The Tread Matter</i></p> <p>Riley Peterson</p> <p>HIGHWOOD MIDDLE SCHOOL</p>	<p>2ND PLACE - TEAM</p> <p><i>The Effect of Color on the Absorption of Radiant Energy</i></p> <p>Kaden King</p> <p>Riese Sattoriva</p> <p>NORTH STAR PUBLIC SCHOOLS</p>
<p>3RD PLACE - INDIVIDUAL</p> <p><i>Radiation Capture</i></p> <p>Christopher Biesemeyer</p>	<p>3RD PLACE - TEAM</p> <p><i>Wax on Wax off</i></p> <p>Kyle Atwood</p>

SUNBURST JUNIOR HIGH SCHOOL

Parker Osterman
BELT MIDDLE SCHOOL

MERIT AWARDS

CHEMISTRY MERIT AWARD

Radiation Capture
Christopher Biesemeyer
SUNBURST JUNIOR HIGH SCHOOL

CONSUMER SCIENCE MERIT AWARD

How Important is Marketing?
Liliana Corbett
BELT MIDDLE SCHOOL

ENERGY: CHEMICAL/ MERIT AWARD

X-Axis's Spin
Jasper Manthey
SUNBURST JUNIOR HIGH SCHOOL

ENGINEERING MERIT AWARD

Broken Yokes are Individual Joke
Mikeyla Shigaki
SUN RIVER MIDDLE SCHOOL

ENGINEERING MERIT AWARD

Dissolvable Abcess Drain Plug
Lexie Wichman
MOORE HIGH SCHOOL

MEDICINE HEALTH MERIT AWARD

How Sweet Is It?
Addison Teini
FOOTHILLS COMMUNITY CHRISTIAN SCHOOL (GREAT FALLS)

MICROBIOLOGY MERIT AWARD

Do Different Dilutions of Disinfectants Affect Bacterial Resistance?
Teagen Flint
DEER PARK SCHOOL

MICROBIOLOGY MERIT AWARD

Germicidal UV Light Investigation
Victoria Sudbrock
SUNBURST JUNIOR HIGH SCHOOL

PHYSICS & ASTRONOMY MERIT AWARD

Does The Tread Matter
Riley Peterson
HIGHWOOD MIDDLE SCHOOL

PHYSICS & ASTRONOMY MERIT AWARD

which rocket goes the highest
Treyton Tinsen
HIGHWOOD MIDDLE SCHOOL

PLANT SCIENCE MERIT AWARD

Assessing Plants With Soil Erosion Prevention
Gabe Bouttier
SUNBURST JUNIOR HIGH SCHOOL

BEHAVIORAL SCIENCE MERIT AWARD

Concentration in Commotion
Jaida Pruitt-Warren
Aizalyn Flaten
Emerson Horner
BELT MIDDLE SCHOOL

BEHAVIORAL SCIENCE MERIT AWARD

Favorable Fashion
McKenzie Pogany
Aaliyah Gaylord

BIOCHEMISTRY MERIT AWARD

smoking vs vaping
Jaxon Coates
Ashlyn Korst

<p>BELT MIDDLE SCHOOL</p> <p>CHEMISTRY MERIT AWARD</p> <p><i>Do You See Vitamin C?</i></p> <p>Paisley ElIndividuals Kylie Maas</p> <p>BELT MIDDLE SCHOOL</p>	<p>ULM JUNIOR HIGH</p> <p>ENVIRONMENTAL MERIT AWARD</p> <p><i>Arctic Grayling: Montana's Lost Fish</i></p> <p>Jerin Nelson Chance Carlisle</p> <p>SUN RIVER MIDDLE SCHOOL</p>
<p>ENVIRONMENTAL MERIT AWARD</p> <p><i>Wax on Wax off</i></p> <p>Kyle Atwood Parker Osterman</p> <p>BELT MIDDLE SCHOOL</p>	<p>MEDICINE HEALTH MERIT AWARD</p> <p><i>Reality of Radiation</i></p> <p>Taya Thomas Makayla Thielman</p> <p>SUN RIVER MIDDLE SCHOOL</p>
<p>PLANT SCIENCE MERIT AWARD</p> <p><i>The Effect of Temperature on the Germination of Sinapis alba</i></p> <p>Luke Stevenson Dirk Wolery</p> <p>NORTH STAR PUBLIC SCHOOLS</p>	

SPECIAL AWARDS

<h3>NAVAL SCIENCE AWARD</h3> <p>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.</p>		
<p><i>Busting Dust - Can It Be Done</i></p> <p>Reed VonStein</p> <p>CASCADE MIDDLE SCHOOL</p>	<p><i>Does Genetics Determine Your Fingerprint</i></p> <p>Cameron Maher</p> <p>HIGHWOOD MIDDLE SCHOOL</p>	<p><i>Sulfur Smackdown</i></p> <p>Kaiden Benson</p> <p>SUNBURST JUNIOR HIGH SCHOOL</p>
<h3>DOD STEM LEADERSHIP AWARD</h3> <p>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.</p>		
<p><i>The Effect of Temperature on the Germination of Sinapis alba</i></p> <p>Luke Stevenson</p>	<p>NORTH STAR PUBLIC SCHOOLS</p> <p>Dirk Wolery</p>	
<h3>CITIZENS FOR CLEAN ENERGY</h3> <p>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.</p>		
<p><i>Assessing Plants With Soil Erosion Prevention</i></p>	<p><i>Busting Dust - Can It Be Done</i></p>	

Gabe Bouttier SUNBURST JUNIOR HIGH SCHOOL	Reed VonStein CASCADE MIDDLE SCHOOL
<i>Solving Water Shortages with Hydrogen and Fire</i> Atti Renko HIGHWOOD MIDDLE SCHOOL	<i>The Effect of Fertilizer Runoff</i> Alison Nau SUNBURST JUNIOR HIGH SCHOOL
<i>X-Axis's Spin</i> Jasper Manthey SUNBURST JUNIOR HIGH SCHOOL	<i>Wind Power</i> Trent Leardini Beau Davis ULM JUNIOR HIGH
BROADCOM MASTERS <hr/> Top 10% of all projects	
<i>Do Different Dilutions of Disinfectants Affect Bacterial Resistance?</i> Teagen Flint DEER PARK SCHOOL	<i>The Effect of Fertilizer Runoff</i> Alison Nau SUNBURST JUNIOR HIGH SCHOOL
<i>Broken Yokes are No Joke</i> Mikeyla Shigaki SUN RIVER MIDDLE SCHOOL	<i>Busting Dust - Can It Be Done</i> Reed VonStein CASCADE MIDDLE SCHOOL
<i>Does The Tread Matter</i> Riley Peterson HIGHWOOD MIDDLE SCHOOL	<i>Arctic Grayling: Montana's Lost Fish</i> Chance Carlisle Jerin Nelson SUN RIVER MIDDLE SCHOOL
<i>The Effect of Temperature on the Germination of Sinapis alba</i> Luke Stevenson Dirk Wolery NORTH STAR PUBLIC SCHOOLS	<i>Colorful Minds</i> Aubrey Hamlett Kyleigh Knowlden Autumn Marquis CASCADE MIDDLE SCHOOL

7TH GRADE BIOLOGICAL SCIENCES

1ST PLACE - INDIVIDUAL <i>The Elixir of Healing</i> Colter Sandon SUNBURST JUNIOR HIGH SCHOOL	1ST PLACE - TEAM <i>Moisture Mania</i> Reagan Jassen Maren Keaster Cadence Graham BELT MIDDLE SCHOOL
2ND PLACE - INDIVIDUAL	2ND PLACE - TEAM

<i>Grow Baby Grow</i> Clair McKamey CASCADE MIDDLE SCHOOL	<i>Capping Capacity</i> Hayley Petersen Gracie Zbinden SUN RIVER MIDDLE SCHOOL
3RD PLACE - INDIVIDUAL <i>Fertilizing Your Crops</i> Wyatt Rogers SUNBURST JUNIOR HIGH SCHOOL	3RD PLACE - TEAM <i>Cocoa Wars</i> Zoe Holum Sidney Paulson BELT MIDDLE SCHOOL

PHYSICAL SCIENCES

1ST PLACE - INDIVIDUAL <i>Identifying Bentonite</i> Trent Lane CASCADE MIDDLE SCHOOL	1ST PLACE - TEAM <i>Unbarred Bovine Barrier</i> Nora Helms Grace Standley SUN RIVER MIDDLE SCHOOL
2ND PLACE - INDIVIDUAL <i>The Horse Feeder CoIndividualndrum</i> Riley Sweeney SUN RIVER MIDDLE SCHOOL	2ND PLACE - TEAM <i>Fixing Oil Spills</i> Mylah Flaten Dawson Iverson Addy Urick BELT MIDDLE SCHOOL
3RD PLACE - INDIVIDUAL <i>Last Fence Standing</i> Deyton Raether CASCADE MIDDLE SCHOOL	3RD PLACE - TEAM <i>Comparing the Friction of Different Surfaces</i> Kinzie Campbell Piper Miller NORTH STAR PUBLIC SCHOOLS

MERIT AWARDS

ENERGY: CHEMICAL/ MERIT AWARD <i>Solar Colors</i> Kallen Fitzpatrick SUNBURST JUNIOR HIGH SCHOOL	ENGINEERING MERIT AWARD <i>Blinking Wonder</i> Bailey Anderson SUN RIVER MIDDLE SCHOOL
MATHEMATICS MERIT AWARD <i>Burning Rubber</i> Tyler Leach SUN RIVER MIDDLE SCHOOL	MEDICINE HEALTH MERIT AWARD <i>Finding the Best Filter</i> Elonzo Benjamin SUNBURST JUNIOR HIGH SCHOOL

<p>MEDICINE HEALTH MERIT AWARD</p> <p><i>The Elixir of Healing</i></p> <p>Colter Sandon</p> <p>SUNBURST JUNIOR HIGH SCHOOL</p>	<p>MICROBIOLOGY MERIT AWARD</p> <p><i>Kimchi Attack!</i></p> <p>Devon Hutton</p> <p>SUNBURST JUNIOR HIGH SCHOOL</p>
<p>PLANT SCIENCE MERIT AWARD</p> <p><i>Fertilizing Your Crops</i></p> <p>Wyatt Rogers</p> <p>SUNBURST JUNIOR HIGH SCHOOL</p>	<p>BIOCHEMISTRY MERIT AWARD</p> <p><i>Bacteria Be Gone</i></p> <p>Lilyana Hutcheson</p> <p>Madeleine Neumann</p> <p>TRINITY LUTHERAN SCHOOL</p>
<p>CONSUMER SCIENCE MERIT AWARD</p> <p><i>Cocoa Wars</i></p> <p>Sidney Paulson</p> <p>Zoe Holum</p> <p>BELT MIDDLE SCHOOL</p>	<p>CONSUMER SCIENCE MERIT AWARD</p> <p><i>Moisture Mania</i></p> <p>Cadence Graham</p> <p>Maren Keaster</p> <p>Reagan Jassen</p> <p>BELT MIDDLE SCHOOL</p>
<p>ENGINEERING MERIT AWARD</p> <p><i>Unbarred Bovine Barrier</i></p> <p>Grace Standley</p> <p>Individualra Helms</p> <p>SUN RIVER MIDDLE SCHOOL</p>	<p>ENVIRONMENTAL MERIT AWARD</p> <p><i>Fixing Oil Spills</i></p> <p>Dawson Iverson</p> <p>Addy Urick</p> <p>Mylah Flaten</p> <p>BELT MIDDLE SCHOOL</p>
<p>PHYSICS & ASTRONOMY MERIT AWARD</p> <p><i>Comparing the Friction of Different Surfaces</i></p> <p>Kinzie Campbell</p> <p>Piper Miller</p> <p>NORTH STAR PUBLIC SCHOOLS</p>	

SPECIAL AWARDS

<p>ASM MATERIALS EDUCATION FOUNDATION</p> <p>Most outstanding exhibit in materials science.</p> <hr/> <p><i>The Horse Feeder Colndividualndrum</i></p> <p>Riley Sweeney</p> <p>SUN RIVER MIDDLE SCHOOL</p>
<p>CITIZENS FOR CLEAN ENERGY</p> <p>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.</p> <hr/>

<i>Blinding Wonder</i> Bailey Anderson SUN RIVER MIDDLE SCHOOL	<i>Solar Colors</i> Kallen Fitzpatrick SUNBURST JUNIOR HIGH SCHOOL
<i>Fixing Oil Spills</i> Dawson Iverson Addy Urick Mylah Flaten BELT MIDDLE SCHOOL	<i>Let's get dirty!</i> Jaylin Mitchell Mia Candau TRINITY LUTHERAN SCHOOL
<i>Radical Renovation</i> Casey Gorence Trace Berg SUN RIVER MIDDLE SCHOOL	<i>Sediment Slide</i> Hope Maki Vannie Urick BELT MIDDLE SCHOOL
<i>Lemelson Early Inventor Prize Award</i>	
The Lemelson Early Inventor Prize, sponsored by the Lemelson Foundtaton, is a \$100 award to be given at Broadcom-MASTERS-affiliated fairs in 2021.	
<i>Unbarred Bovine Barrier</i> Grace Standley	SUN RIVER MIDDLE SCHOOL Individualra Helms
BROADCOM MASTERS Top 10% of all projects	
<i>Identifying Bentonite</i> Trent Lane CASCADE MIDDLE SCHOOL	<i>Unbarred Bovine Barrier</i> Nora Helms Grace Standley SUN RIVER MIDDLE SCHOOL
	<i>The Horse Feeder Conondrum</i> Riley Sweeney SUN RIVER MIDDLE SCHOOL

6TH GRADE BIOLOGICAL SCIENCES

1ST PLACE - INDIVIDUAL <i>The effect of time on the efficacy of hand sanitizer</i> Halle Rogers SUNBURST ELEMENTARY SCHOOL	1ST PLACE - TEAM <i>Dissolving pills</i> Makena McCoy Camree Puppe Rogue Roberts BELT MIDDLE SCHOOL
2ND PLACE - INDIVIDUAL <i>A tale of two teas: Melissa officinalis processed like black tea</i> Jacob Linden	2ND PLACE - TEAM <i>Treat It Or Not</i> Isaac Edmundson Thatcher Marquis

HOMESCHOOL	Kael Smith CASCADE MIDDLE SCHOOL
3RD PLACE - INDIVIDUAL <i>The Efficacy of Beet Root Juice Against Sarcina aurantiaca</i> Nick Bucklin SUNBURST ELEMENTARY SCHOOL	3RD PLACE - TEAM <i>How Can Farmers Feed Martians</i> Ella Smith Mia Smith STANFORD HIGH SCHOOL

PHYSICAL SCIENCES

1ST PLACE - INDIVIDUAL <i>Protection or Neglection</i> Ella Fryberger SUN RIVER MIDDLE SCHOOL	1ST PLACE - TEAM <i>Keeping You in Suspense-ion</i> Bobby Rumney Isaac Snyder CASCADE MIDDLE SCHOOL
2ND PLACE - INDIVIDUAL <i>Blazing Fire</i> Cacellia Durbin BELT MIDDLE SCHOOL	2ND PLACE - TEAM <i>Extending Life</i> Karson Dede Ashur Fraser NORTH STAR PUBLIC SCHOOLS
3RD PLACE - INDIVIDUAL <i>Assessing Impact Force</i> Ethan Samsal SUNBURST ELEMENTARY SCHOOL	3RD PLACE - TEAM <i>Rusteze</i> John Hoffmann Wyatt Remington Weston Tingey BELT MIDDLE SCHOOL

MERIT AWARDS

ENVIRONMENTAL MERIT AWARD <i>Plastic Pollution</i> Addisen Johnson CASCADE MIDDLE SCHOOL	MEDICINE HEALTH MERIT AWARD <i>Assessing Impact Force</i> Ethan Samsal SUNBURST ELEMENTARY SCHOOL
MEDICINE HEALTH MERIT AWARD <i>The Effectiveness of Goat Milk Soap against E.coli</i> Hana Roark SUNBURST ELEMENTARY SCHOOL	MICROBIOLOGY MERIT AWARD <i>The effect of time on the efficacy of hand sanitizer</i> Halle Rogers SUNBURST ELEMENTARY SCHOOL
MICROBIOLOGY MERIT AWARD	PLANT SCIENCE MERIT AWARD

<i>The Efficacy of Beet Root Juice Against Sarcina aurantiaca</i> Nick Bucklin SUNBURST ELEMENTARY SCHOOL	<i>A tale of two teas: Melissa officinalis processed like black tea</i> Jacob Linden HOMESCHOOL
PLANT SCIENCE MERIT AWARD <i>The Effect of LED Lights On Dactylis Glomerata Growth</i> Kacey Wipf SUNBURST ELEMENTARY SCHOOL	CONSUMER SCIENCE MERIT AWARD <i>Rusteze</i> Wyatt Remington BELT MIDDLE SCHOOL
CONSUMER SCIENCE MERIT AWARD <i>Rusteze</i> John Hoffmann BELT MIDDLE SCHOOL	CONSUMER SCIENCE MERIT AWARD <i>Rusteze</i> Weston Tingey BELT MIDDLE SCHOOL
PHYSICS & ASTRONOMY MERIT AWARD <i>Extending Life</i> Ashur Fraser NORTH STAR PUBLIC SCHOOLS	PHYSICS & ASTRONOMY MERIT AWARD <i>Extending Life</i> Karson Dede NORTH STAR PUBLIC SCHOOLS

SPECIAL AWARDS

NAVAL SCIENCE AWARD <p>The Office of Naval Research (ONR) is committed to supporting science, technology, engineering, and mathematics (STEM) initiatives and programs for our nation's young people.</p> <hr/> <i>Is Your Mop Clean?</i> Abigail Reed SUNBURST ELEMENTARY SCHOOL		
CITIZENS FOR CLEAN ENERGY <p>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.</p> <hr/>		
<i>Engineering Bubble Technology to Remediate an Oil Spill</i> Szymon May SUNBURST ELEMENTARY SCHOOL	<i>Plastic Pollution</i> Addisen Johnson CASCADE MIDDLE SCHOOL	<i>Polar Temperatures</i> Jalynn Runstrom SUN RIVER MIDDLE SCHOOL
BROADCOM MASTERS <hr/> <p>Top 10% of all projects</p>		
<i>The effect of time on the efficacy of hand sanitizer</i> Halle Rogers SUNBURST ELEMENTARY SCHOOL	<i>A tale of two teas: Melissa officinalis processed like black tea</i> Jacob Linden	

	HOMESCHOOL
<i>Protection or Neglection</i> Ella Fryberger SUN RIVER MIDDLE SCHOOL	<i>Blazing Fire</i> Cacellia Durbin BELT MIDDLE SCHOOL