

2019 Montana Science Fair **Ribbon Results**



School:

Exhibit #	ID	Name	Title	Ribbon
--1001	5001	Hellgate High School		
--1000	5000	Big Sky High School		
--1007	5007	Townsend K-12 Schools		
--1005	5005	Chief Joseph Middle School		
--1004	5004	Hamilton Middle School		
--1003	5003	Cascade Public Schools		
--1002	5002	Simms High School		
--1006	5006	Missoula International School		

Participation: 8 exhibits & 8 students | **Exhibit Summary:**

School: Baker High School

Exhibit #	ID	Name	Title	Ribbon
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Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair Ribbon Results



School: Baker High School

Exhibit #	ID	Name	Title	Ribbon
I-ENMG-43	2	Hunter Mashak	3D Printed Dimpled Wind Turbine Blades	G

Participation: 1 exhibit & 1 student | **Exhibit Summary:** Gold: 1

School: Big Sandy High School

Exhibit #	ID	Name	Title	Ribbon
I-CHEM-20	70	Hope Gasvoda	Comparing the Glucose Content of Lignocellulosic Biomass Generated by Cellulase Across Six pH Buffers	S
I-ENVR-48	146	Tyler Schwarzbach	Glyphosate Concentration in Snow as Related to Source Region	S
I-BEHS-14	303	Everett Works	The Difference In Frustration Between Age And Gender	B

Participation: 3 exhibits & 3 students | **Exhibit Summary:** Silver: 2 Bronze: 1

School: Big Sky High School

Exhibit #	ID	Name	Title	Ribbon
I-BEHS-12	99	Yana Denishchich	Does school start time influence sleep duration?	S
I-ENVR-51	349	Reese Gehrig	What are effects of fire on ungulates use of habitat in late Fall and Winter?	S
I-PHAST-68	324	Lucas Hall	The Sound of a Homerun	B

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2019 Montana Science Fair Ribbon Results



School: Big Sky High School

Exhibit #	ID	Name	Title	Ribbon
I-MEDH-59	96	Derrick Nemetchek	Does method of mouth or nose breathing affect respiratory rates?	S
I-BEHS-13	167	Katherine Rolle	How Connotative Priming Affects the Altruistic Behavior of High School Students	G
I-CS-25	25	James Seielstad	Autonomously Detecting Crowd Mood From Audio Cues	B
I-CHEM-19	59	Logan Taylor	Can Gas Chromatography (GC) As Well As Liquid Chromatography Mass Spectrometry (LCMS) Be Used To Find And Identify Pesticides In Honey?	B

Participation: 7 exhibits & 7 students | **Exhibit Summary:** Gold: 1 Silver: 3 Bronze: 3

School: Billings Central High School

Exhibit #	ID	Name	Title	Ribbon
I-CS-26	127	Dylan Wichman	A Predictive Neural Network based Fire Size Classifier	G

Participation: 1 exhibit & 1 student | **Exhibit Summary:** Gold: 1

School: Bonner 7-8

Exhibit #	ID	Name	Title	Ribbon
II-6PHY-423	357	Kendall Adler	What's baking?	B
II-7BIO-190	45	Aralia Bidwell	Brain on the Game	B

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair Ribbon Results



School: Bonner 7-8

Exhibit #	ID	Name	Title	Ribbon
II-7PHY-463	225	Ryan Combs	Mystery of the Homopolon motor	B
II-8BIO-324	369	Kylie Lopuch	Who's Stronger	S
II-8PHY-484	44	robert peterson	bow vs shot	N
II-6PHY-400	147	Colter Russel	gone fishin'	S
II-6PHY-387	49	Easton sant	Brush Up	B
II-7BIO-188	42	lilly wilson	book worm	N

Participation: 8 exhibits & 8 students | **Exhibit Summary:** Silver: 2 Bronze: 4 No Show: 2

School: Butte Central Jr. High Schhol

Exhibit #	ID	Name	Title	Ribbon
II-6PHY-408	204	James Holmes	Leading the Charge for the Environment	G

Participation: 1 exhibit & 1 student | **Exhibit Summary:** Gold: 1

School: Capital High School

Exhibit #	ID	Name	Title	Ribbon
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School: Capital High School

Exhibit #	ID	Name	Title	Ribbon
I-MICR-63	118	Peter Lund	Expression and Purification of Germmarlo's LysA Protein in Escherichia coli	S

Participation: 1 exhibit & 1 student | **Exhibit Summary:** Silver: 1

School: Cascade Public Schools

Exhibit #	ID	Name	Title	Ribbon
II-8PHY-542	347	Marshall Byrnes	weight distribution	S
	418	Hayden Isaak		
II-6BIO-130	12	Raygan Carroll	Alfalfa? Why Does It Bloat Cows?	B
	379	Hattie Orem		
II-7PHY-461	211	Jeramiah Creveling	Light Tracking Bristlebots	G
	396	Brent Ethridge		
II-8BIO-311	302	Sydney Gutierrez	The Deadly Cleanup	G
	412	Harlie Jackson		
II-7PHY-467	246	Braedyn Johnson	PLASTIQUE	S
II-6BIO-164	272	Alissa Johnson	Shelly Stains	B
	406	Carsyn Otheim		
II-6PHY-381	19	Tyler Lane	Are All Colors Created Equal?	S
	380	Ian McKamey		

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2019 Montana Science Fair Ribbon Results



School: Cascade Public Schools

Exhibit #	ID	Name	Title	Ribbon
II-8BIO-297	235	Kodiann Lynn	Organic vs. Nonorganic	B
II-6PHY-414	268	Audrey Rumney	Same Coffee, Different Taste?	G
II-6PHY-405	190	Madeline Schrecengost	Infiltration Situation	G
II-6PHY-402	157	Jack Snyder	H2OH NO! Making It Clean Again	G

Participation: 11 exhibits & 17 students | **Exhibit Summary:** Gold: 5 Silver: 3 Bronze: 3

School: Chief Joseph Middle School

Exhibit #	ID	Name	Title	Ribbon
II-7BIO-185	23	Keri Campbell	Artistic Moods	B
	381	Tia Wolfe		
II-7BIO-213	154	Kell Christenson	Growth of Chlorella Vulgaris with Nitrogen and Phosphorus	G
II-7BIO-212	140	Paige Frumkes	Gender; Does gender affect taste receptors?	S
II-6PHY-396	135	Sienna Grinager	FREEZING POINTS, SALT, AND SUGAR	S

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2019 Montana Science Fair **Ribbon Results**



School: Chief Joseph Middle School

Exhibit #	ID	Name	Title	Ribbon
II-7PHY-456	181	Payton Johnson	Hydroelectric Currents	G
	392	Frida Kelly		
II-7BIO-266	374	Kodi Karo	Working Worms : Does the amount of worms affect the growth of a plant	B
	425	Exie Salmon		
II-6BIO-172	338	Pranshu Krishna	Video game addiction	G
II-6PHY-406	200	Ruthie Meyer	KEEP'N IT COOL	G
II-7BIO-220	169	Hannah Pankratz	How Does Global Climate Change Affect Fish Populations	G
II-7BIO-197	88	James Petersen	Do different wavelenghts affect lady bird beetles Behavior ?	G
II-7BIO-214	160	Fiona Shyne	Handedness - Reaction Time	B
II-6BIO-139	89	Hillary Small	Do hot tubs change blood pressure?	B
II-7PHY-478	353	Lia Thompson	What is The Possible Efficiency Rate Of Micro Pump Storage Hydroelectricity	S
II-8BIO-306	292	Anna Wiseman	Testing Engineered Devices for Their Ability to Control Pathogenic Bacteria Splash Out of Sinks	G
	411	Claire Schaub		

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2019 Montana Science Fair Ribbon Results



School: Chief Joseph Middle School

Exhibit #	ID	Name	Title	Ribbon
II-7PHY-473	333	Ella Woodland	Trash to Water = Education	G

Participation: 15 exhibits & 19 students | **Exhibit Summary:** Gold: 8 Silver: 3 Bronze: 4

School: Clinton School

Exhibit #	ID	Name	Title	Ribbon
II-6PHY-415	284	Chase Cooney	Store-Bought Vs. Homemade Cleaners	B
II-8BIO-272	27	Zaniel Pepe	Bacteria Growth of Saliva	B
II-7PHY-464	236	Ava Saltzman	Our Wireless World	G

Participation: 3 exhibits & 3 students | **Exhibit Summary:** Gold: 1 Bronze: 2

School: Columbia Fall Public Schools

Exhibit #	ID	Name	Title	Ribbon
I-ENVR-50	311	Laney Conger	The Effects of a Polystyrene or a Microplastic Diet on the Lifespan of Yellow Mealworms	S
II-7PHY-472	321	Lotus Helland	The Magic of Bone Conduction	S

Participation: 2 exhibits & 2 students | **Exhibit Summary:** Silver: 2

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2019 Montana Science Fair **Ribbon Results**



School: Conrad High School

Exhibit #	ID	Name	Title	Ribbon
I-PLNT-70	101	Kantor Pogreba	Does Water Flow	S
I-MEDH-58	76	Audrey Taylor	Coordination Domination	S

Participation: 2 exhibits & 2 students | **Exhibit Summary:** Silver: 2

School: Corvallis High School

Exhibit #	ID	Name	Title	Ribbon
I-ENGR-42	372	Chance Jones	Wireless Charging and It's Applicable Distances	B

Participation: 1 exhibit & 1 student | **Exhibit Summary:** Bronze: 1

School: Culbertson Jr High School

Exhibit #	ID	Name	Title	Ribbon
II-8PHY-498	108	Trevor Green	Efficiency in Motion: Cephalopod Propulsion	G

Participation: 1 exhibit & 1 student | **Exhibit Summary:** Gold: 1

School: Deerpark 7-8

Exhibit #	ID	Name	Title	Ribbon
II-7PHY-434	34	Alexis Gladeau	Battle of the Liquids	S

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2019 Montana Science Fair **Ribbon Results**



School: Deerpark 7-8

Exhibit #	ID	Name	Title	Ribbon
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Participation: 1 exhibit & 1 student | **Exhibit Summary:** Silver: 1

School: DeSmet Middle School

Exhibit #	ID	Name	Title	Ribbon
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II-8BIO-270	11	Aidan Beard	Air Pollution in the Missoula Valley	S
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II-8BIO-312	305	Maddux Burwick	The Effect of Color on Memory	S
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II-7BIO-193	60	Trishell Jensen	Can Plants Prevent Soil Erosion and Mudslides	S
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II-8PHY-536	325	McKenna Storment	The Stroop Effect	G
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Participation: 4 exhibits & 4 students | **Exhibit Summary:** Gold: 1 Silver: 3

School: Dillon Middle School

Exhibit #	ID	Name	Title	Ribbon
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II-7BIO-194	73	Quinceee Anderson	Compost vs. Store-Bought Fertilizer	S
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II-8PHY-513	205	Hunter Barnes	let it burn	G
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II-8PHY-483	40	Trapper Doering	Board Stregth	B
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School: Dillon Middle School

Exhibit #	ID	Name	Title	Ribbon
II-8BIO-327	376	Aliyah Gardner	Worms, Do They Help?	S
II-8PHY-535	322	Gavin Garrison	The Physics of A Trebuchet	B
II-8PHY-480	6	Henry Hawes	A sticky situation	S
II-7BIO-195	77	Olivia Kailey	Crash or Burn	B
II-7PHY-471	294	Laura Martin	Testing the tensile strengths of different yarns	S
II-7PHY-465	238	Jaysun Molenda	Oxidation Rates	B
II-7BIO-241	245	Jasmine Salix	Plants and Places	B

Participation: 10 exhibits & 10 students | **Exhibit Summary:** Gold: 1 Silver: 4 Bronze: 5

School: Divide School

Exhibit #	ID	Name	Title	Ribbon
II-8BIO-296	232	Lily Kessler	Omnomnom...Belch!!	G

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2019 Montana Science Fair **Ribbon Results**



School: Divide School

Exhibit #	ID	Name	Title	Ribbon
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Participation: 1 exhibit & 1 student | Exhibit Summary: Gold: 1

School: Ennis K-12 Schools

Exhibit #	ID	Name	Title	Ribbon
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II-8BIO-320	352	Josey Blazer	What is pHorming in the Water?	G
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II-8BIO-322	362	Tanner Inman	Where are the Pine Marten	S
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II-6BIO-160	234	Finley Knapton	Oral Flora	G
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II-6PHY-391	66	Caden Lovett	Chill Out	S
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Participation: 4 exhibits & 4 students | Exhibit Summary: Gold: 2 Silver: 2

School: Fergus High School

Exhibit #	ID	Name	Title	Ribbon
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I-ENGR-39	189	Ben Kolar	Inertial Fusion Ignition	S
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Participation: 1 exhibit & 1 student | Exhibit Summary: Silver: 1

School: Foothills Community Christian

Exhibit #	ID	Name	Title	Ribbon
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Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair Ribbon Results



School: Foothills Community Christian

Exhibit #	ID	Name	Title	Ribbon
I-BCHEM-7	112	Georgia Balius	Enzyme Activity	G

Participation: 1 exhibit & 1 student | Exhibit Summary: Gold: 1

School: Foothills Community Christian School

Exhibit #	ID	Name	Title	Ribbon
II-6PHY-388	51	Kimber Koteskey	Bullet Penetrations	S

Participation: 1 exhibit & 1 student | Exhibit Summary: Silver: 1

School: Fort Shaw

Exhibit #	ID	Name	Title	Ribbon
II-8BIO-560	1004	Halee Hane	Catching Your Breath	B

Participation: 1 exhibit & 1 student | Exhibit Summary: Bronze: 1

School: Frontier Elementary

Exhibit #	ID	Name	Title	Ribbon
II-8PHY-486	48	Aaron Boysun	Bring on the Heat!	S
II-8BIO-317	328	Kayden Fleming	To Grow or Not to Grow?	S

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2019 Montana Science Fair **Ribbon Results**



School: Frontier Elementary

Exhibit #	ID	Name	Title	Ribbon
II-8PHY-482	39	J'Elle Garfield	Blood vs. Stomach Acid	B
II-7PHY-462	217	Nevaeh Graham	Melting Ice	B
II-6BIO-146	152	Rachel Pew	Grow or No	S
II-8BIO-302	278	Samantha Reed	Soapy Worms	G
II-8PHY-503	141	Josh Smith	Generator Magnets	B

Participation: 7 exhibits & 7 students | **Exhibit Summary:** Gold: 1 Silver: 3 Bronze: 3

School: Geyser Public School

Exhibit #	ID	Name	Title	Ribbon
I-EARTH-31	31	Gabe Dobler	Balloon Powered Car	B
I-EARTH-33	116	Jacob Pollari	Evaporation Rate	B
II-8PHY-492	67	Damon Raprager	Chips + Air = ?	S

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2019 Montana Science Fair **Ribbon Results**



School: Geyser Public School

Exhibit #	ID	Name	Title	Ribbon
I-EARTH-32	97	Allie Skelton	Does one Bad Apple Ruin the Bunch	B
II-8PHY-481	14	Kain Vincent	Alpaca Dryer Balls vs Dryer Sheets	B

Participation: 5 exhibits & 5 students | **Exhibit Summary:** Silver: 1 Bronze: 4

School: Hamilton Middle School

Exhibit #	ID	Name	Title	Ribbon
II-7BIO-189	1002	Julia Seifert	Disolviing Ibuprofen	G

Participation: 1 exhibit & 1 student | **Exhibit Summary:** Gold: 1

School: Hamilton School District #3 - Middle School

Exhibit #	ID	Name	Title	Ribbon
II-8BIO-287	176	Dawson Berglund	How Reliable Are Eyewitnesses?	S
II-8BIO-274	36	Sage Beyer	Blinded By The Light	S
II-8PHY-543	354	Janessa Chaplin	What makes an efficient propeller	S
II-8PHY-520	261	Kara Conley	Revolver vs Semi-automatic	B

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2019 Montana Science Fair **Ribbon Results**



School: Hamilton School District #3 - Middle School

Exhibit #	ID	Name	Title	Ribbon
II-8BIO-288	182	Emilie Courchesne	Hydroponics or Soil?	S
II-8BIO-285	159	Linnea Cratty	Hamilton Science Fair	S
II-8PHY-526	277	Spencer Cruse	Soaking Up Sound	B
II-7PHY-440	58	Morgan Gurney	Burning Wood Temp vs. Time	B
II-8BIO-328	378	Colin Hanley	Z Factor	S
II-8PHY-522	263	Jackson Heath	Rock On Weathering of Rocks	G
II-7BIO-238	240	Kristen Jessop	Personality Vs. Memory	S
II-8BIO-316	327	Layne Kearns	To Cheat or Not To Cheat	B
II-8BIO-290	197	Cole Kimzey	It all goes Downstream from here	G
II-8BIO-325	370	Sofia Lewanski	Wildfire Wonder	G

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2019 Montana Science Fair **Ribbon Results**



School: Hamilton School District #3 - Middle School

Exhibit #	ID	Name	Title	Ribbon
II-8PHY-487	50	Alphonse McGouldrick	Bullet Penetration	B
II-8PHY-514	210	Luke Mendenall	Light Refraction	G
II-8BIO-291	198	McKinley Murray	Its Not Cuul To Juul	S
II-8BIO-295	228	Max Naidl	Nitrogen Secrets	S
II-7BIO-226	195	Kylie Nuttall	Is Racism Still An Issue?	S
II-8BIO-298	249	Taryn Searle	Pollution vs. Plants	G
II-7BIO-244	258	Taylor Searle	Reaction Time	B
II-8PHY-521	262	Braeden Stevens	Rise and Fall of pH levels	S
II-8BIO-289	192	Fern Stewart	Investigating Bioluminescence in the Marine Dinoflagellate, Pyrocystis Fusiformis	G
II-7PHY-468	265	Matthew Szymanski	Round Ball and Sabot Penetration	S

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2019 Montana Science Fair **Ribbon Results**



School: Hamilton School District #3 - Middle School

Exhibit #	ID	Name	Title	Ribbon
II-7BIO-202	100	Alexis Treece	Does Sight Affect Taste	B
II-7PHY-436	43	Anna Twardoski	Boomilevers!	S
II-8BIO-281	139	Emerson Widmer	Gel Electrophoresis	S

Participation: 27 exhibits & 27 students | **Exhibit Summary:** Gold: 6 Silver: 14 Bronze: 7

School: Helena Flats

Exhibit #	ID	Name	Title	Ribbon
II-6PHY-382	22	Jada Stevens	Are You Drinking Pool Water?	S
II-6BIO-169	293	Charlotte Sunde	Testing for Taste	G

Participation: 2 exhibits & 2 students | **Exhibit Summary:** Gold: 1 Silver: 1

School: Hellgate High School

Exhibit #	ID	Name	Title	Ribbon
I-PHAST-67	83	Cole Amish	Determining Production Rates of Alpha Particles in a Fusion Device as a Function of Plasma Density, Temperature, and Volume	S
I-ENVR-47	115	Ella DeGrandpre	Evaluating the effects of ice formation on solute concentrations in rivers	G

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2019 Montana Science Fair Ribbon Results



School: Hellgate High School

Exhibit #	ID	Name	Title	Ribbon
I-MATH-56	239	Aidan Duffield	Pairing visual and actual counts to improve estimation of wild berry production	S
I-CHEM-21	282	Will Erving	Spectrophotometric and Potentiometric pH Measurement: Evaluation of the pHyer as a Reliable Field pH Instrument	G
I-ENVR-46	81	Mia Foster	Designing Molecular Genetic Assays for the Detection of Mountain Lion (Puma concolor) DNA from Snow-Tracks	G
I-BEHS-16	337	Zach Johnson	Using an altruistic and antisocial punishment game to measure the effect of gender on cooperation among high-school and college students	S
I-CMBIO-23	254	Connor King-Ries	Probing the Interaction of Rift Valley Fever Virus Nucleocapsid Protein with Target RNA Sequences	G
I-ANSC-2	71	Rex Koenig	Comparing the Habitat Connectivity of American marten and Fisher in the Northern Rocky Mountains, USA	G
I-ANSC-3	82	Peter Peragine	Determining Dromaeosaurid Claw Function From The Talons Of Extant Raptors	G
I-ENVR-49	248 400	Madeline Swanberg Wren Cilimborg	Political Beliefs and Climate Change Views in High Schoolers: How Does Terminology Affect Perception of the Issue?	N
I-PLNT-71	313	Maya Ward	The Effects of Fungicide and Monoculture on Invasive Species	S
I-EARTH-34	299	Faith Wells	The Changes In Coulomb Stress Along An Unnamed Fault Segment in the Intermountain Seismic Belt After The 2017 Lincoln, Montana Earthquake	S

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School: Hellgate High School

Exhibit #	ID	Name	Title	Ribbon
I-MATH-55	84	Maxim Winter	Determining the Existence of a Universal Constant for Inverse Variation Functions and Other Hyperbolas	G

Participation: 13 exhibits & 14 students | **Exhibit Summary:** Gold: 7 Silver: 5 No Show: 1

School: Hinsdale Public School

Exhibit #	ID	Name	Title	Ribbon
II-6PHY-413	257	Walker Albus	Pure Water or Pure Hogwash	S
II-7BIO-186	32	Andrew Boucher	Barley Germination Post Bovine Digestive System	G
II-6BIO-133	20	Coy Bowman	Are Any of These Rocks Meteorites?	B
II-7BIO-222	179	Zora Holt	Hungry Grass? or Happy Grass!	S
II-6PHY-384	30	Layna Jones	Baking Soda + Vinegar = Lift Off!	G
II-7BIO-221	173	Peyton Smith	How Low Will They Grow	S
II-6BIO-157	229	Kade Strommen	No Pain, Lots of Game	S

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2019 Montana Science Fair Ribbon Results



School: Hinsdale Public School

Exhibit #	ID	Name	Title	Ribbon
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Participation: 7 exhibits & 7 students | Exhibit Summary: Gold: 2 Silver: 4 Bronze: 1

School: Kalispell Middle School

Exhibit #	ID	Name	Title	Ribbon
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II-7BIO-224	187	Dyson Linden	In the Pits: Is My Peach Tree Sterile?	G
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II-7PHY-469	21	Keanu Ng	Are We Eating and Drinking Our Own Laundry? Investigating Microfiber Pollution Released from Fleece During Domestic Laundering.	G
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II-6BIO-156	226	Zoe Wendt	Nanotech: The Future Of Medicine	G
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Participation: 3 exhibits & 3 students | Exhibit Summary: Gold: 3

School: Kalispell Montessori

Exhibit #	ID	Name	Title	Ribbon
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II-6PHY-416	287	Elizabeth Christiansen	Sugar and Spice	S
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Participation: 1 exhibit & 1 student | Exhibit Summary: Silver: 1

School: Lolo Middle School

Exhibit #	ID	Name	Title	Ribbon
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II-7BIO-180	5	Koryn Bedwell	A Plants Growth	S
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School: Lolo Middle School

Exhibit #	ID	Name	Title	Ribbon
II-8PHY-530	283	Quintin Belangie	Stay Current	B
II-8BIO-279	107	Drew Boggust	Effects of Vaping	B
II-7PHY-470	267	Alivia Eby	Sable, Sel, ou Sucre	S
II-8PHY-505	150	Novalee Eggleston	Got Salt?	S
II-7PHY-438	57	Kaden Enockson	Burning is Learning	B
II-7BIO-228	199	Keira Frazier	Jurassic Plants	S
II-7PHY-437	56	Kylie Hart	Burn Baby Burn / Candles	B
II-7BIO-227	196	Tyler Hettman	Is the 5 second Rule True	G
II-8PHY-540	345	Alexzandria Horner	Watering Plants Can Be Cool	S
II-8BIO-323	368	Dylan Kennedy	Whitening Toothpaste: Is It Worth It?	S

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School: Lolo Middle School

Exhibit #	ID	Name	Title	Ribbon
II-8PHY-497	91	Shaun Liechty	Do Sound Waves Have a Physical Force	G
II-8PHY-485	46	Amanda Mazur	Break That Bridge	S
II-7PHY-439	1001	Rori Ojala	You Melt My Heart	S
II-7BIO-196	86	Brylie Reynolds	Diete O Regular	S
II-7BIO-257	330	Holly Schoonmaker	Tone and Memory	S
II-7BIO-203	111	Carynda Smith	Enamel Wear, Teeth Beware!	G
II-7BIO-255	326	Joel Vermillion	The Truth Behind Your Cleaning Products	G
II-8BIO-307	295	Kasey Weitz	That's a real smile...or is it?	B
II-7BIO-207	129	Kendall Wiseman	Fizzy-ology	S

Participation: 20 exhibits & 20 students | **Exhibit Summary:** Gold: 4 Silver: 11 Bronze: 5

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Lone Rock School

Exhibit #	ID	Name	Title	Ribbon
II-7BIO-254	323	Jason Agostino	The Science of Smell and Taste	B
II-8BIO-275	65	Annalie Cleveland	Cattle Growth and Productivity	S
II-7BIO-223	185	Malia Gunterman	I Wet my Plants	B
II-7PHY-432	7	Gustav Hunter	A Tumbling Force	B
II-8BIO-300	270 405	Kayli Indreland Maddison Hancock	Sensing Taste	B
II-7BIO-232	220	Shilo Lampi	Milk or Water	B
II-7BIO-264	360	Quinn Rahl	What's wrong with my Dad's Garden	S
II-7BIO-182	9	Jonah Renaud	Agri-wheel	G
II-6BIO-135	61	Henry Schaefer	Can Sargent Pepper Give a Math Test	B
II-7BIO-206	120	Bryan Strozyk	Extracting DNA from Fruit	B

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2019 Montana Science Fair **Ribbon Results**



School: Lone Rock School

Exhibit #	ID	Name	Title	Ribbon
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Participation: 10 exhibits & 11 students | **Exhibit Summary:** Gold: 1 Silver: 2 Bronze: 7

School: Malta Public Schools

Exhibit #	ID	Name	Title	Ribbon
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II-6PHY-392	104	Roy Alexander	Easter Eggs	B
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II-8PHY-493	68	Ryan Meneely	Coffee Cups	S
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II-8PHY-501	130	Adrien Oshio	Flaming Fabrics	B
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II-6BIO-166	275	Danika Wilke	Skittle Taste	S
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Participation: 4 exhibits & 4 students | **Exhibit Summary:** Silver: 2 Bronze: 2

School: Meadow Hill Middle School

Exhibit #	ID	Name	Title	Ribbon
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II-8BIO-314	315	Ava Minns Prezeau	The Effects of Water pH on 24K White Cloud Minnows	S
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Participation: 1 exhibit & 1 student | **Exhibit Summary:** Silver: 1

School: Missoula International School

Exhibit #	ID	Name	Title	Ribbon
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Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair Ribbon Results



School: Missoula International School

Exhibit #	ID	Name	Title	Ribbon
II-8PHY-216	162	Cole Banks	Hectic Electrics: Comparing solar panels to thermoelectric generators	S
	389	Sasha Huber		
II-8PHY-550	320	Aidan Chapman	The Large Recharge: How Voltage Applied to a Battery Affects the Temperature and Charge Speed	S
	414	Clayton Surber		
II-8PHY-509	221	Sam D'Amico	Modern Day Moses: How the Type of Electrolyte Affects the Efficiency of the Electrolysis of Water	G
II-7BIO-219	373	Ava DeArment	With a Cherry on Top: The effect of common water pollutants on Neocaridina davidi	G
	424	Quynh McKelvey-Pham		
II-7BIO-246	276	Spencer Eisenstadt	Snow Blow: Testing the pH of snow near different types of roads	G
	408	Axl Wolfcale		
II-8PHY-546	233	Mia Jakob	One Step at a Time: A piezoelectric shoe insole that can produce and retain energy	G
II-8PHY-489	332	Cyrus Kiely	Train Reign: Testing the feasibility of a model of an electromagnetically powered accelerator for trains	S
	415	Jasper Thomas		
II-8BIO-309	85	Evelyn Kiely	Diabetic Medic; How effective is an artificial pancreas model in neutralizing a basic solution?	G
	384	Camille Sherrill		
II-7BIO-209	186	Claire Kinderwater	Ice, Ice, Baby: The effect of different snowmelt salts on ice and grass	G
	394	Chloe Larsen		
	426	Isabella Weston-Capulong		
II-7BIO-217	165	Hudson Kovics	The Process of Designing, Constructing, and Testiing a Hydroelectric Implement that Heats Water	S
	390	Cooper Johnstad		

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair Ribbon Results



School: Missoula International School

Exhibit #	ID	Name	Title	Ribbon
II-8BIO-319	230	Eden Maxwell	No Pain, Romaine: The Effects of Hydrogen Peroxide on E. coli	G
	397	Elsa Westenfelder		
II-7BIO-199	183	Luca Musco	Hydro-Pun-ics: How the water temperature affects the height and mass of the pea plants grown in a hydroponics system.	G
	393	Ellis Walker-Keleher		
II-7PHY-449	286	Liam Richardson	Sublimation Complication: How do Different Types of Liquids Affect the Sublimation Speed of Dry Ice	S
	409	Craig Allmacher		
II-7PHY-204	114	Amelia Richmond	Eternal Flame: Testing the effects of borax and boric acid on the flammability of fabric	S
	385	Grace Wandler		
II-8PHY-519	250	Ari Jose Samuels	Pop It Like It's Hot: The design and construction of a durable solar charging pop socket	B
	401	Ian Rasmussen		
II-7BIO-229	241	Graham Southall	Pesky Pesticides: The effect of Roundup on java moss	G
	398	Wilson Derry		
	428	Liev Huber		

Participation: 16 exhibits & 32 students | **Exhibit Summary:** Gold: 9 Silver: 6 Bronze: 1

School: Monforton School

Exhibit #	ID	Name	Title	Ribbon
II-6BIO-144	126	Alex Clapper	Fingerprints	S
II-8BIO-310	300	Caitlin Clark	The Cleaning Plant	S

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Monforton School

Exhibit #	ID	Name	Title	Ribbon
II-6BIO-141	105	Lincoln Templeton	Effects of Ph on Teeth	G

Participation: 3 exhibits & 3 students | **Exhibit Summary:** Gold: 1 Silver: 2

School: Montana City Middle School

Exhibit #	ID	Name	Title	Ribbon
II-8BIO-299	255	Toby Bartsch	Protein Power	S
	403	Celi Chapman		
II-6BIO-175	366	Brendan Loomis	Which Common Household Cleaner Kills Bacteria the Best?	G
	422	Alex Pullman		
II-7BIO-262	351	Brianna Plant	What Gives Beans Thei Fix?	G

Participation: 3 exhibits & 5 students | **Exhibit Summary:** Gold: 2 Silver: 1

School: No. Toole County High School

Exhibit #	ID	Name	Title	Ribbon
I-MICR-61	24	Jeena Alborano	Assessing the Effectiveness of Iron Oxide Nanoparticles Against Bacterial Growth	G
I-BCHEM-9	307	Kjatlynn Cullen	The Effect of Solvents on Blood Detection	S
I-ENMG-44	259	Cody Hanson	Remediation of Anabaena flos-aquae in an Aquatic Environment	G
	404	Lane Lerum		

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: No. Toole County High School

Exhibit #	ID	Name	Title	Ribbon
I-ENGR-37	3	Jaden Koon	A Blue "Green" Battery	G

Participation: 4 exhibits & 5 students | **Exhibit Summary:** Gold: 3 Silver: 1

School: North Star High School

Exhibit #	ID	Name	Title	Ribbon
II-7PHY-447	121	Michael Berg	Fabric Flammability	B
II-7BIO-251	309	Carter Campbell	The Effect of Temperature on the Respiration Rate of Mealworms	S
II-6PHY-403	177	Ecko Fraser	How Stars Move	S
II-8PHY-496	80	Ty Hansen	Deflate-Gate	B
II-7BIO-218	168	Kira King	How Do Different Liquids Affect Flowers	S
II-8PHY-533	308	Dylon Melby	The Effect of Temperature on the Elasticity of Raquetballs	S
II-6BIO-167	290	Madelyn Meyers	Taste Buds Taste!	S

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair Ribbon Results



School: North Star High School

Exhibit #	ID	Name	Title	Ribbon
II-8BIO-301	274	Colton Spicher	Silver: Valuable Commodity or Deadly Toxin	G
	407	Garrett Spicher		
II-8PHY-544	358	Rainee Watson	What's In Your Water	G
	419	Brooklyn Hansen		

Participation: 9 exhibits & 11 students | **Exhibit Summary:** Gold: 2 Silver: 5 Bronze: 2

School: Ophir School

Exhibit #	ID	Name	Title	Ribbon
II-7BIO-205	119	Logan Barker	'Extra' Speedy	S
	386	Drew DiTullio		
II-6BIO-132	15	Hazel Buotte	A-maze-ing Guinea Pigs!	S
II-6PHY-401	155	Chloe Coleman	H2O Micros	S
II-6PHY-410	209	Alex Redmon	Light Pollution	G

Participation: 4 exhibits & 5 students | **Exhibit Summary:** Gold: 1 Silver: 3

School: Our Lady of Lourdes

Exhibit #	ID	Name	Title	Ribbon
II-7PHY-477	344	Emma Atkinson	Water Works: Hydroelectric Energy	G
	417	Hope Madill		

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Our Lady of Lourdes

Exhibit #	ID	Name	Title	Ribbon
II-7BIO-263	359	Emery Briles	What's On Your Fruit?	S
	420	Audrey Baker		
II-7BIO-211	137	Emma Guter	Fuel of the Future	S
II-7BIO-259	124	Caroline Hermiller	Feathers and Fur	S
II-7PHY-479	212	Ireland Osentowski	Live Life Clean	S
II-7BIO-183	17	Kadence Taylor	Antacid Potency	B

Participation: 6 exhibits & 8 students | **Exhibit Summary:** Gold: 1 Silver: 4 Bronze: 1

School: Power Public Schools

Exhibit #	ID	Name	Title	Ribbon
II-6PHY-393	106	Jared Boetticher	Effects of Temperature on a Solar Cell	G
II-6PHY-383	26	Rylan Bowman	Awesome Airfoils	S
II-6PHY-380	10	Trey Stengrimson	Air Moving Car	G

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair Ribbon Results



School: Power Public Schools

Exhibit #	ID	Name	Title	Ribbon
II-6PHY-404	180	Jackson Taylor	Hydro Power	S
II-6PHY-422	356	Mikayla Toeckes	What Will That Spill Do?	S
II-6BIO-152	193	Natalie Vick	Iron-ic Cereal	G

Participation: 6 exhibits & 6 students | **Exhibit Summary:** Gold: 3 Silver: 3

School: Rocky Boy Junior High

Exhibit #	ID	Name	Title	Ribbon
II-8BIO-321	355	Watson Whitford	What Soil is Best for Plant Growth?	G

Participation: 1 exhibit & 1 student | **Exhibit Summary:** Gold: 1

School: Saco Public Schools

Exhibit #	ID	Name	Title	Ribbon
II-7PHY-445	103	Josie Brown	Don't Sweat It: Testing the Breathability of Jersey Fabric	G
II-7PHY-442	75	Marshall Caves	Cool It	S
II-6BIO-145	145	Blaine Downing	Glucose Differences in Gender	S

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair Ribbon Results



School: Saco Public Schools

Exhibit #	ID	Name	Title	Ribbon
II-6BIO-134	28	Jessa Erickson	Bacterial Growth	G
	382	Sandra Sones		
II-6PHY-386	41	Carter Pippin	Boiling Hot: Can Heating Metals Affect How Malleable the Metals Are?	S
II-6BIO-149	174	Laynee Simpson	How Many Seeds Will Germinate in Alkali Water	S
II-7PHY-446	113	Abby Yeska	Erosion	S

Participation: 7 exhibits & 8 students | **Exhibit Summary:** Gold: 2 Silver: 5

School: Sentinel High School

Exhibit #	ID	Name	Title	Ribbon
I-MICR-64	237	Sarah Hauser	Overexpression in nematode DLC-1 inhibited cell growth in Saccharomyces cerevisiae	S
I-MICR-62	29	Kody Heaton	Bacteriophage and the Evolution of Antibiotic Resistance	S
I-BCHEM-8	215	Jake Lindsey	Measuring the Magnetic Fields of Plants to Determine Electric Current	S

Participation: 3 exhibits & 3 students | **Exhibit Summary:** Silver: 3

School: Shelby Middle School

Exhibit #	ID	Name	Title	Ribbon
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Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Shelby Middle School

Exhibit #	ID	Name	Title	Ribbon
II-8PHY-532	304	Megan Benjamin	The Effect of Bridge Design on Weight Bearing Capacity	S
II-7BIO-201	94	Cameron Blevins	Do you hear what you see?	S
II-8PHY-525	271	Jori Clary	Shaking for Suds - which type of water is hardest?	S
II-8PHY-512	175	Trenton Emerson	How much fat are in your foods?	S
II-8BIO-294	224	Emersyn Hoover	Multitasking: Brain drain or boost in efficiency?	B
II-8PHY-508	170	Molly Kiefer	How does soil affect the pH of water?	S
II-8BIO-276	78	Bryce Lee	Creating a kidney: How stem cells could bioengineer a kidney.	B
II-7PHY-455	178	Kyle McDermott	How to Detect between red or green produce	G
II-7PHY-441	62	Isabella Moss	Can water float on water?	B
II-8PHY-494	69	Ryan Simpson	Combustion of Everyday Products	S

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Shelby Middle School

Exhibit #	ID	Name	Title	Ribbon
Participation: 10 exhibits & 10 students Exhibit Summary: Gold: 1 Silver: 6 Bronze: 3				

School: Sheridan Elementary

Exhibit #	ID	Name	Title	Ribbon
II-6PHY-425	365	Sawyer Anson	Which Coke is Affected most by Mentos?	B
II-6PHY-395	122	Jacon Mann	Fabulous Frozen Fragments	S
II-6PHY-424	364	Trey Schrank	Which Battery Lasts the Longest?	S
Participation: 3 exhibits & 3 students Exhibit Summary: Silver: 2 Bronze: 1				

School: Simms High School

Exhibit #	ID	Name	Title	Ribbon
I-ANSC-1	4	Randi Hart	A Calf is Brewin'	B
I-ANSC-4	142 387	Allyson Hitchcock Chad Hitchcock	Genetic Genius	S
I-MEDH-57	72 383	Michael Leach Vincent Offerdahl	Comparison of PEF and FEV1 of HS athletes	S
I-BEHS-15	334 416	Draylen Sawyer Jessi McKinley	Trick the Thinker	S

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Simms High School

Exhibit #	ID	Name	Title	Ribbon
I-BEHS-11	79	Karlie Sivumaki	Cutaneous Sensations and the CNS	B
I-ENGR-41	317	Madison Wiegand	The Implementation of Silver Nanoparticle Water Filtration Incorporating Ultraviolet Sterilization	S
	413	Mackenzie Wiegand		
I-MEDH-60	191	Lilly Woodhouse	Influenza Vaccine Comparison From 2000 - 2011	S

Participation: 7 exhibits & 11 students | **Exhibit Summary:** Silver: 5 Bronze: 2

School: Simms Middle School

Exhibit #	ID	Name	Title	Ribbon
II-6BIO-142	109	Kenzie Allen	Egg-speriment	G
II-7BIO-210	134	Maddy Hane	Fragrance Flashback	S
II-7BIO-215	161	Kylie Harrison	Heart-beating Hounds	S
II-7BIO-236	231	Boyd Helms	Odor Eater	S
II-8PHY-537	341	Baylee Herman	Water Logger	G

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Simms Middle School

Exhibit #	ID	Name	Title	Ribbon
II-7BIO-249	269	Macy Herman	Scum Slayer	G
II-7BIO-245	260	Grace Johnson	Resisting A Rest	S
II-8PHY-507	158 388	Marshall Kunkel Brayson Sanders	Hack Jack	S
II-7PHY-457	184	William Mishler	I Smell Pennies: Coin Cleaning Solution	S
II-8PHY-518	251 402	Mason Munroe Josey Hinderager	Portable Hydroelectric Generator	S
II-6PHY-385	33	Austin Naude'	Batter up	G
II-8PHY-515	216	Cassandra Olson	Measuring the Speed of Light	B
II-7PHY-450	128	Tobyn Petronek	Fishing For Facts	S
II-7PHY-474	335	Hailey Rasmussen	Under Pressure	S
II-6BIO-165	273	Cassidy Rasumssen	Shhhhh..... I'm Reading	G

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Simms Middle School

Exhibit #	ID	Name	Title	Ribbon
II-7PHY-459	194	Hudson Rohrer	Irrigation Communication: Time is Money	G
II-7PHY-452	144	Scotty Sivumaki	Give Pressure the Boot	S
II-6PHY-421	331	Brena Thompson	Tooth Be Told	B
II-6PHY-398	138	Kaylee Zietzke	Furious Fires	G

Participation: 19 exhibits & 21 students | **Exhibit Summary:** Gold: 7 Silver: 10 Bronze: 2

School: Somers Middle School

Exhibit #	ID	Name	Title	Ribbon
II-8BIO-313	306	Lane McKoy	The Effect of Music on Heart Rates	G
II-8BIO-268	314	James Moody	The Effects of Radiation on Plant Growth and Germination	G
II-8PHY-490	55	Bethany Nairn	Burn Baby Burn	B
II-8BIO-315	316	Gabe Reddish	The Hawthorne Effect With Cameras	S

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Somers Middle School

Exhibit #	ID	Name	Title	Ribbon
II-8PHY-510	171	Seth Wantaja	How Flammable Is Our Clothing?	G

Participation: 5 exhibits & 5 students | **Exhibit Summary:** Gold: 3 Silver: 1 Bronze: 1

School: St. Matthew's Catholic School

Exhibit #	ID	Name	Title	Ribbon
II-6PHY-394	117	Mark Ahner	Expansion cm	S
II-6BIO-153	201	Ben Bliven	Kick it up a Notch	G
II-8BIO-282	143	Sarah Cornish	Genius Genetics	B
II-8BIO-280	123 1003	Fiona Coulter Sarah Windham	Fear Factor	S
II-6BIO-147	164	Ella Griffith	horsing around	B
II-6PHY-418	253	Jackson Heino	Precise pitching	G
II-8PHY-516	219	Michael Manning	Micro plastics in our Waters	G

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: St. Matthew's Catholic School

Exhibit #	ID	Name	Title	Ribbon
II-6PHY-420	318	Gianna Reiner	The Invincible Bubble	B
II-7BIO-200	93	Morgan Smith	Do You Hear What I Hear	
II-7PHY-453	149	Rebecca Vosen	Got Hot Hands	

Participation: 10 exhibits & 11 students | **Exhibit Summary:** Gold: 3 Silver: 2 Bronze: 5

School: Stevensville Junior High

Exhibit #	ID	Name	Title	Ribbon
II-7BIO-248	291	Cali Shepherd	Taste vs. Smell	B
	410	Zoe Wedel-Corwin		
	428	Tagen Mulligan		
II-7PHY-460	208	William VanTassel	Light Kevin	B
	395	Hayden Cirincione		
	427	Saphyre Griffin		
II-7BIO-265	361	Haley Wandler	What's Your Pastry	S
	421	Nya Seibert		

Participation: 3 exhibits & 8 students | **Exhibit Summary:** Silver: 1 Bronze: 2

School: Sun River Valley Public School

Exhibit #	ID	Name	Title	Ribbon
II-8BIO-304	285	Alexandra Baranko	Stress Test!	B

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Sun River Valley Public School

Exhibit #	ID	Name	Title	Ribbon
II-8BIO-283	151	Nina Okes	Grading Germs	S
II-8BIO-326	371	Laura Zietzke	Will a Spoonful of Cinnamon Help the Diseases Go Down?	G

Participation: 3 exhibits & 3 students | **Exhibit Summary:** Gold: 1 Silver: 1 Bronze: 1

School: Sunburst Middle School

Exhibit #	ID	Name	Title	Ribbon
II-7BIO-235	223	Ian Benjamin	More Nitrate? More Algae.	G
II-8BIO-303	279	John Buckley	Soil Bugs	S
II-7BIO-267	375	Claire Bucklin	Worm Diets and Soil	G
II-8BIO-329	244	Paige Head	Picky Plants	B
II-8BIO-284	153	Megan Hout	Grow, Baby, Grow!	G
II-8BIO-308	296	Conlan Kerfoot	The Affect of pH on Aquatic Life	S

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Sunburst Middle School

Exhibit #	ID	Name	Title	Ribbon
II-8PHY-491	64	Gennavonna Mazza	Catapult Attack!	G
II-7BIO-252	312	Nicole Nau	The Effects of Alkali on Grass Growth	G
II-8PHY-524	266	Tara Robins	Rusting Out	B
II-8PHY-500	110	Frank Wedel	Electrolyte Test	S

Participation: 10 exhibits & 10 students | **Exhibit Summary:** Gold: 5 Silver: 3 Bronze: 2

School: Three Forks Public Schools

Exhibit #	ID	Name	Title	Ribbon
II-8PHY-506	156	A.J. Boyd	H2O So Clean	G
II-8BIO-318	336	Morgan Carr	Up In Smoke	B
II-8BIO-286	166 391	Falisha Dale Reese McBride	How Blind are You?	B
II-7BIO-208	132	Calla Donnelly	Flour Power	S

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Three Forks Public Schools

Exhibit #	ID	Name	Title	Ribbon
II-7PHY-448	125	Bryon Fanning	Feelin' Hot Hot Hot	G
II-8BIO-271	18	Garrett Golding	Antibiotic Resistance: Fact or Fiction?	G
II-7PHY-443	95	Madison Griffiths	Do You Remember?	S
II-8BIO-293	218	Finn Hanson	Memory Booster	B
II-7BIO-260	342	Ericka Johnson	Water Quality	S
II-8PHY-528	281	Beau Johnston	SoundProof	S
II-7PHY-435	38	Ari Judd	Blood Splatter	B
II-8PHY-541	346	Chase Kirkland	Wax On Wax Off	G
II-7PHY-444	102	Mae Partain	Don't Have A Meltdown	B
II-8PHY-511	172	Abigail Petersen	How Good is Your Tuner?	S

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Three Forks Public Schools

Exhibit #	ID	Name	Title	Ribbon
II-8PHY-488	54	Cory Potts	Burn Baby Burn	S
II-8PHY-502	131	Jacob Ramsey	Flight 2.0	S
II-7PHY-454	163	Jacqueline Rollyson	Hold the Cold	B

Participation: 17 exhibits & 18 students | **Exhibit Summary:** Gold: 4 Silver: 7 Bronze: 6

School: Townsend K-12 Schools

Exhibit #	ID	Name	Title	Ribbon
II-7BIO-192	53	Emily Bird	Bundle Your Babies	B
II-6PHY-412	256	Haylee Collins	Pure Pressure	S
II-8PHY-538	343	Eric Eichinger	Water Under the Bridge	S
II-6PHY-411	227	Cassidy Flynn	Natural vs. Artificial	S
II-6PHY-397	136	Nolan Flynn	Fuel For Thought	B

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Townsend K-12 Schools

Exhibit #	ID	Name	Title	Ribbon
II-7BIO-250	298	Luci Horne	The Brain Game	G
II-8BIO-305	288	Kailey Knaub	Sweet Dreams	B
II-7PHY-451	133	Mikayla Kraft	Flours vs Density	B
II-7BIO-240	242	Melania Lambott	Phoney Bacteria	G
II-6BIO-154	202	Hunter McCartney	Kids With Containers	S
II-8PHY-495	74	Cael O'Dell	Construction Conundrum	G
II-7BIO-234	222	Jacob Pesicka	Moo Light	S
II-6BIO-173	348	Amanda Pesicka	Wet The Hey?	G
II-8BIO-292	214	James Pitassy	Martian Garden	S
II-8PHY-527	280	Ryan Racht	Somethin' Citrus	B

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Townsend K-12 Schools

Exhibit #	ID	Name	Title	Ribbon
II-6BIO-174	363	Kaelyn Sangray	Where The Wild Things Grow	S
II-7BIO-261	350	Havyn Vandenacre	What Do You Wake Up To?	B
II-7PHY-431	1	Rhett Violet	"Just Plane Fun"	G
II-6BIO-131	13	Marley Wellenstein	All Bark No Bacteria	S
II-7PHY-475	339	Blake Wellenstein	Viscosity Velocity	S
II-6BIO-162	247	Abby Wickens	Play That Song	S
II-8BIO-278	90	Dakota Wilson	Do I Know You?	S
II-8BIO-277	87	Jonah Wishman	Dirt Dilemma	G
II-7BIO-187	37	Reese Wolfgram	Blindfolded: The Ultimate Test	S

Participation: 24 exhibits & 24 students | **Exhibit Summary:** Gold: 6 Silver: 12 Bronze: 6

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair Ribbon Results



School: Trinity Lutheran School

Exhibit #	ID	Name	Title	Ribbon
II-7PHY-466	243	Katy Bitney	Piano Pizzazz	S
	399	Rylee Glimm		
II-7PHY-458	206	Renae Brousseau	Let's Survive a 6.5	S

Participation: 2 exhibits & 3 students | **Exhibit Summary:** Silver: 2

School: Twin Bridges K-12 Schools

Exhibit #	ID	Name	Title	Ribbon
II-7PHY-433	16	Allie Dale	An Investigation of the Melting Rate of Ice in Different Liquids	G
II-7PHY-476	340	Ayla Janzen	Waste Not Want Not	G
II-7BIO-191	47	Emily LaYacona	Breaking Proteins	B
II-8PHY-534	319	Zeke Redfield	The Invincible Thermite	B
II-8PHY-504	148	Ruby Waller	Got Honey?	S

Participation: 5 exhibits & 5 students | **Exhibit Summary:** Gold: 2 Silver: 1 Bronze: 2

School: Ulm School

Exhibit #	ID	Name	Title	Ribbon
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Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Ulm School

Exhibit #	ID	Name	Title	Ribbon
II-8BIO-273	35	Jolee Davis	Best Foot Forward	S
II-7BIO-231	213	Amelea McMamey	Living in Color	S
II-7BIO-181	8	Zoe Moffett	Ageless Roses	S
II-7BIO-198	92	Caiden Sekuterski	Do You Have The Best Shades?	B
II-7BIO-256	329	Destiny Turan	To See Or Not To See	S

Participation: 5 exhibits & 5 students | **Exhibit Summary:** Silver: 4 Bronze: 1

School: Valley Christian School

Exhibit #	ID	Name	Title	Ribbon
II-8PHY-523	264	Zachary Hoaglin	Rocket Design	G

Participation: 1 exhibit & 1 student | **Exhibit Summary:** Gold: 1

School: Washington Middle School - Missoula

Exhibit #	ID	Name	Title	Ribbon
II-8BIO-269	207	Caleb Fishman Miller	Life Beyond ROYGBIV: Diatom Growth on Far-Red Light	G

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair Ribbon Results



School: Washington Middle School - Missoula

Exhibit #	ID	Name	Title	Ribbon
Participation: 1 exhibit & 1 student Exhibit Summary: Gold: 1				

School: West Elementary

Exhibit #	ID	Name	Title	Ribbon
II-6BIO-140	98	Laurina Barbosa	Does PH Affect Plant Growth?	B
II-6PHY-407	203	Tucker Broderick	Kinetic Coefficient of Friction	S
II-6BIO-170	310	Corrine Fredlund	The Effect Of The Glycemic Index On Hunger	G
II-6BIO-136	63	Trent Hallsted	Carbon Filtering Efficiency	S
II-6PHY-390	52	Elli Quist	Bullet Size vs. Speed	S
Participation: 5 exhibits & 5 students Exhibit Summary: Gold: 1 Silver: 3 Bronze: 1				

School: Whittier Elementary

Exhibit #	ID	Name	Title	Ribbon
II-6PHY-417	289	Jaycee Cleveland	Swish or Miss	S
Participation: 1 exhibit & 1 student Exhibit Summary: Silver: 1				

Key: G = Gold | S = Silver | B = Bronze | N = No Show

2019 Montana Science Fair **Ribbon Results**



School: Willow Creek Public School

Exhibit #	ID	Name	Title	Ribbon
II-8PHY-531	297	Cody Carlson	The Arrow	G

Participation: 1 exhibit & 1 student | **Exhibit Summary:** Gold: 1

2019 Montana Science Fair **Participation**

384 - Exhibits

435 - Students

Key: G = Gold | S = Silver | B = Bronze | N = No Show