

2003 Intel NWSE Awards Report *by Organization*

Benson High School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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HS-LT-006	Natasha Young, Nate Patton, Ryan Mobley, Duc Ho, Danielle Doolin	Large Team	Biological and Chemical Analysis of the Willamette River	Jean Eames
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Award: 3rd

Catlin Gabel Upper School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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HS-CO-016	Nathan Matsuda	Computer Sciences	A Spline-Based Frame Interpolation Tool	Andrew Merrill
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Award: Army Outstanding High School Project in Mathematics/Computer Science
Certificate and Saving bond (\$50)
Army Research Office, U.S. Army

Award: 1st

Also receives: PSU College of Engineering and Computer Science
Computer Sciences Scholarship
Includes: \$1500 scholarship

Also receives: Intel Excellence in Computer Science
Includes: \$200, certificate, memento

Christ the King Grade School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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MS-BE-042	Sarah Bidwell	Behavioral & Social Sciences	Stroop Effect	Jerry Meter
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Award: HM

MS-PH-028	Sarra Dasso	Physics	Singing Glasses	Jerry Meter
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Award: HM

Columbia River High School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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HS-BO-021	Jennifer Bufford	Botany	The Effect of Varying Hormones on Hazelnut Callus Growth	Pam Lehrman
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Award: 3rd

HS-CO-002	Nathan Reed	Computer Sciences	A Comparison of Pathfinding Algorithms	Pam Lehrman
Award:	Outstanding Project in Vehicular Technology	shirt and Certificate	IEEE Oregon	
HS-EV-017	Tri Truong	Environmental Sciences	The Efficiency of Insulating a Room with Organic vs. Inorganic Materials	Pam Lehrman
Award:	HM			
HS-EV-018	Ember Morton	Environmental Sciences	The Effect of Kline Line Pond on Salmon Creek	Pam Lehrman
Award:	Outstanding Project in the Environmental Sciences	\$50	Environmental Educators Association of Oregon	
HS-ME-009	Stephanie Dost	Medicine & Health	The Effect of Soda Pop on Eggshells	Pam Lehrman
Award:	Outstanding Oral Biology Project	\$25	OHSU School of Dentistry	
HS-ME-023	Eugene Kim	Medicine & Health	A Comparison of Treatment Techniques for External-Beam Radiation Therapy Patients with Clinically Localized Prostate Cancer	Kelly Cameron
Award:	3rd			

daVinci Arts Middle School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

Exhibit #	Student(s)	Category	Project Title	Sponsor
MS-BO-012	Daniel Helms	Botany	Mediums Against Plants	Peter Sweeney
Award:	HM			
MS-CP-005	Katie Dobscha, Amy Catabay	Consumer Products Testing	The Effect of Mouthwashes on Salivary pH	Geoffrey Murdoch
Award:	HM			
MS-EV-007	Katie van Monter	Environmental Sciences	How does glucose effect plants?	Geoffrey Murdoch
Award:	Discovery Channel Young Scientist Challenge Nomination	Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC.	Discovery Communications, Inc	
Award:	2nd			
MS-ZO-007	Addy Heilman, Ashley Thomas	Zoology	How Good Could these Things Really Be?	Peter Sweeney
Award:	HM			

Eastham Community School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

Exhibit #	Student(s)	Category	Project Title	Sponsor
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MS-BE-064 Lily Nagy-Deak Behavioral & Social Sciences Does Age Affect Photographic Memory? Donal Wilkinson

Award: HM

Fowler Middle School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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MS-CO-005	Andrew Mintner	Computer Sciences	FastDocument Update Helper: Software Update Manager	Sandra Mintner
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Award: Discovery Channel Young Scientist Challenge Nomination Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC. Discovery Communications, Inc

Award: 1st

Madden Industrial Craftsmen

Also receives: Madden Industrial Craftsmen Award

Includes: \$50

Girl Scouts - Col. River Council

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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MS-CO-006	Christina Phillips	Computer Sciences	Soccer Referee Scheduling Application	Ruthe Farmer
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Award: 2nd

MS-EG-018	Andrea Ness, Andrea Dickason	Engineering	Automated Water Dispenser for Small Rodents	Ruthe Farmer
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Award: 3rd

MS-EG-019	Brenda Benitez	Engineering	Two Clock Radios in One	Ruthe Farmer
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Award: HM

MS-EG-020	Alicia Enriquez, Erika Schuartz	Engineering	Bass Space	Ruthe Farmer
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Award: Discovery Channel Young Scientist Challenge Nomination Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC. Discovery Communications, Inc

Award: 1st

Also receives: Madden Industrial Craftsmen Award

Includes: \$50

Gold Beach High School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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HS-BE-101	Ann Bulskov	Behavioral & Social Sciences	Influence of 'Time of Day' on Learning New Motor Skills	Mary Omberg
<i>Award:</i> HM				
HS-BI-009	Holland MacLaurie	Biochemistry	Genotypic Separation in Noble Fir Populations from the Coast and Cascade Ranges of Oregon	Mary Omberg
<i>Award:</i> Outstanding Science Project About Forests		Plaque		Pacific NW Research Station, USDA Forest Service
<i>Award:</i> ISEF Alternate		Right to attend the ISEF as an observer.		
<i>Award:</i> Excellence in Statistics		\$75		American Statistical Association
<i>Award:</i> 1st				
HS-CH-100	Brittany Robbins	Chemistry	Variables Influencing Electrokinetic Remediation of Heavy Metal Pollutants in Soil	Mary Omberg
<i>Award:</i> Naval Excellence in Science and Engineering Award		Certificate and graphing calculator		Office of Naval Research, US Navy and Marine Corps
<i>Award:</i> 3rd				
HS-EA-005	Megan Delaney	Earth and Space Sciences	Simulation of Aurora Borealis	Mary Omberg
<i>Award:</i> HM				
HS-EA-006	Will Taylor	Earth and Space Sciences	Debris Flow Flume Testing Of Soil Stability Treatments	Mary Omberg
<i>Award:</i> Outstanding Geology Project		T-shirt		Cascade Volcano Observatory
<i>Award:</i> 3rd				
HS-EA-007	Allison Blackwell	Earth and Space Sciences	Correlation Analysis of Factors Which Predict Lightning Strikes	Mary Omberg
<i>Award:</i> Outstanding Geology Project		T-shirt		Cascade Volcano Observatory
<i>Award:</i> 3rd				
HS-EG-026	Kelsy Skinner	Engineering	The Use of Echinoderm Blueprints in Dome Design	Mary Omberg
<i>Award:</i> 3rd				
HS-EG-029	Doretta Dunham	Engineering	Zeolite as a protective coating for construction materials	Mary Omberg
<i>Award:</i> HM				
HS-EV-104	Mike Olson	Environmental Sciences	Wildfire Sterilized Soils and Rhizosphere Recovery	Mary Omberg
<i>Award:</i> Excellence in Statistics		\$75		American Statistical Association
<i>Award:</i> Best of Fair		Plaque, Oregon Laurels Full-Tuition Scholarship to PSU		Portland State University
<i>Award:</i> Army Outstanding High School Project in Environmental Science		Certificate and Savings bond (\$50)		Army Research Office, U.S. Army
<i>Award:</i> 1st				
<i>Also receives:</i> Intel Excellence in Environmental Health and Safety		<i>Includes:</i> \$200, certificate, memento		

HS-EV-105	Katie Herbage	Environmental Sciences	Wood Fiber Filters as Water Contaminant Removal Systems	Mary Omberg
<i>Award:</i>	U.S. Regional Stockholm Junior Water Prize		Certificate, invitation to compete for State Stockholm Junior Water Prize	Water Environment Federation
<i>Award:</i>	3rd			
HS-GE-101	Ceely Will	Gerontology	The Creative Age	Mary Omberg
<i>Award:</i>	Studies in Aging	\$25		Gerontology Associates
HS-MI-016	Hannah Hoffman	Microbiology	Suppression of food-borne Pathogens using Dried Fruit Meat Additives	Mary Omberg
<i>Award:</i>	1st			
HS-PH-052	Vanessa Spini	Physics	Absorption of Radioactive Isotopes Using Nature Zeolites	Mary Omberg
<i>Award:</i>	Outstanding Project in Nuclear Science/Engineering		Student membership in American Nuclear Society, certificate	Packaging Technology, INC
<i>Award:</i>	Naval Excellence in Science and Engineering Award		Certificate and graphing calculator	Office of Naval Research, US Navy and Marine Corps
<i>Award:</i>	Best of Fair Alternate		Plaque	
<i>Award:</i>	Army Outstanding High School Project in Physical Sciences		Certificate and Savings bond (\$50)	Army Research Office, U.S. Army
<i>Award:</i>	1st			
HS-ZO-016	Kaitlyn Hampton, Nicole Jackson	Zoology	Dynamics of Jellyfish Movement	Mary Omberg
<i>Award:</i>	HM			

Grant Community School *1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)*

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
MS-BE-001	Ali Foster	Behavioral & Social Sciences	Gender Differences and the Brain	Daniel Jamsa
<i>Award:</i>	HM			
MS-BE-004	Eric Foster	Behavioral & Social Sciences	Music and Activity and Mice	Daniel Jamsa
<i>Award:</i>	HM			
MS-BO-002	Daniel Beiza, Jose Ku	Botany	Plants and Light Color	Daniel Jamsa
<i>Award:</i>	HM			
MS-BO-004	Mitzi Guzman	Botany	Plants, Light, and Sugar.	Daniel Jamsa
<i>Award:</i>	HM			
MS-EG-003	Carlos Estrada	Engineering	The Strongest Bridge	Daniel Jamsa
<i>Award:</i>	HM			

MS-EG-004	Jasmine Laris, Bibiana Ortiz, Rocio Ortiz	Engineering	The Strongest Bridge	Daniel Jamsa
<i>Award:</i> HM				
MS-EG-008	Jonathan Davis	Engineering	A Better Hoverboard	Daniel Jamsa
<i>Award:</i> HM				
MS-ME-002	Amanda Blunt, Anel Gonzalez	Medicine & Health	Smell and Sight	Daniel Jamsa
<i>Award:</i> HM				
MS-ME-003	Analy Gonzalez	Medicine & Health	Exercise and Muscle Performance	Daniel Jamsa
<i>Award:</i> HM				

<i>Grant High School</i>		<i>1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)</i>		
Exhibit #	Student(s)	Category	Project Title	Sponsor
HS-GE-002	Adrienne Chesser	Gerontology	Mechanisms Underlying the Isoform Specific Effects of ApoE on GR-mediated Transcriptional Activation	Jacob Raber
<i>Award:</i> Studies in Aging		\$25	Gerontology Associates	
<i>Award:</i> 1st				
HS-ME-100	Duy Minh Ha	Medicine & Health	Quantitative Analysis of Brain and Ventricle Volume in Hormone Replacement Therapy	Charles Martell
<i>Award:</i> HM				

<i>Grant Union High School</i>		<i>1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)</i>		
Exhibit #	Student(s)	Category	Project Title	Sponsor
HS-BE-031	Leah Supulski	Behavioral & Social Sciences	The Average Success and Most Effective Methods of Subliminal Messaging	Randy Hennen
<i>Award:</i> HM				
HS-MI-017	Ben Holland	Microbiology	Bacterial Nosocomial Infections	Sonna Smith
<i>Award:</i> HM				
HS-ZO-017	Ree Armstrong	Zoology	The Health Effects of Surface Runoff of Winter Road Treatments on Daphnia Population	Randy Hennen
<i>Award:</i> 3rd				

Hedrick Middle School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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MS-ZO-006	Lauren Cox	Zoology	The effects of overpopulation on guppies	Janice Alayne Cox
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Award: Discovery Channel Young Scientist Challenge Nomination Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC. Discovery Communications, Inc

Award: 1st

Highland Park Middle School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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MS-BE-059	Kim Liu, Hannah Jarman-Miller	Behavioral & Social Sciences	Man's Best Friend, a Dog's Compatibilitywith Humans	Karen Nelson
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Award: Most Effective Use of Photography Certificate, Photo Kit to student & teacher Eastman Kodak Company

Award: Excellence in Statistics \$50 American Statistical Association

MS-BE-063	Laila Wahedi	Behavioral & Social Sciences	Diet and Memory	Karen Nelson
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Award: HM

MS-BO-024	Briana Mitchell	Botany	Zapped With Zinc	Karen Nelson
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Award: Discovery Channel Young Scientist Challenge Nomination Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC. Discovery Communications, Inc

Award: 1st

MS-CH-024	Robert Baxter	Chemistry	Salinity Vs. Conductivity	Karen Nelson
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Award: Discovery Channel Young Scientist Challenge Nomination Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC. Discovery Communications, Inc

Award: 1st

Also receives: Madden Industrial Craftsmen Award

Includes: \$50

Madden Industrial Craftsmen

MS-CP-017	Matt Lee, Nitin Agrawal	Consumer Products Testing	Fluorescent or Incandescent	Karen Nelson
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Award: 2nd

MS-CP-021	Hannah Reid, Rebecca Reid	Consumer Products Testing	Diaper to Diaper	Karen Nelson
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Award: HM

MS-ME-019	Halah Ilias	Medicine & Health	The Effect of Music on Blood Pressure and Heart Rate	Karen Nelson
<i>Award:</i> HM				
MS-PH-043	Krishna Veni	Physics	Materials Resistance to Heat Loss	Karen Nelson
<i>Award:</i> Outstanding Project in Materials Science		Certificate	ASM International Foundation	
<i>Award:</i> 3rd				
MS-PH-050	Denise Yeung	Physics	Parachute Size Vs. Object Weight	Karen Nelson
<i>Award:</i> HM				
<i>Award:</i> Excellence in Statistics		\$50	American Statistical Association	
MS-ZO-014	Brittany Molina	Zoology	Antraction	Karen Nelson
<i>Award:</i> 3rd				

Hillsboro High School *1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)*

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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HS-BE-025	Cindy Fulton, Athena Hinkle	Behavioral & Social Sciences	Lateral Relationships in the Human Body	Steve Sears
<i>Award:</i> 2nd				

Hoover Elementary School *1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)*

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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MS-BE-023	Lauren Gambee	Behavioral & Social Sciences	Eyewitness Report	Janice Cox
<i>Award:</i> Discovery Channel Young Scientist Challenge Nomination		Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC.	Discovery Communications, Inc	
<i>Award:</i> Best of Fair		Trophy		
<i>Award:</i> 1st				

MS-EG-011	Marie Cox	Engineering	Handle With Care	Janice Cox
<i>Award:</i> 3rd				

Islamic School-Muslim Ed. Trust *1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)*

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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MS-BE-057	Ahmad Abdelgader	Behavioral & Social Sciences	Memories	Roomina Ahmed
<i>Award:</i> 3rd				
MS-CO-007	Ahmed Aissi	Computer Sciences	Computing Cryptographic Prime Numbers Using Simple Techniques	Roomina Ahmed
<i>Award:</i> 3rd				
MS-EV-014	Youcef Salem Abdelgader	Environmental Sciences	Does second hand smoke affect Kids?	Roomina Ahmed
<i>Award:</i> Outstanding Air Quality Project		Plaque	Southwest Clean Air Agency	
MS-EV-015	Mariea Mustafa, Aaya Yassin	Environmental Sciences	Acid Rain, is it a problem?	Roomina Ahmed
<i>Award:</i> Outstanding Science Project About Forests		Plaque	Pacific NW Research Station, USDA Forest Service	
<i>Award:</i> HM				
MS-ZO-016	Sarah El-Aghil, Maryam Houdroge, Lina Tarhuni	Zoology	Does the Fish's Habitat Effect its Daily Activities? (diet, energy, sleep, etc)	Roomina Ahmed
<i>Award:</i> 3rd				

Jesuit High School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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HS-MA-001	Chris Fallin, Anarghya Vardhana	Mathematics	The RSA Cryptosystem	John Gorman
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Award: 1st

La Salle High School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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HS-EG-008	Matt Herberling	Engineering	Aerodynamics- how lift can be improved and how different wing shapes are affected.	Georgi Brunning
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Award: Century of Flight Award Tee shirt, advance to next level of competition U.S. Air Force

HS-PH-033	Blake Duffy, Jimmy Hennessy	Physics	Ballistic Analysis	Georgi Brunning
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Award: Century of Flight Award Tee shirt, advance to next level of competition U.S. Air Force

Leslie Middle School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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MS-CP-106	Will Kellar	Consumer Products Testing	Plop, Plop, Fizz, Fizz, Oh, What a Relief it is!	Michael Rockow
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Award: HM

MS-EA-004	PJ Sequeria	Earth and Space Sciences	What's Hot? What's Not?	Michael Rockow
Award:	Outstanding Project in Meteorology, Oceanic or Atmospheric Sciences	certificate		American Meteorological Society
Award:	Discovery Channel Young Scientist Challenge Nomination	Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC.		Discovery Communications, Inc
Award:	1st			
	Also receives: Madden Industrial Craftsmen Award		Includes: \$50	

MS-MI-007	Kelsey Vance	Microbiology	Yuck, it's moldy!	Michael Rockow
Award:	HM			

<i>Merlo Station High School</i>		<i>1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)</i>		
Exhibit #	Student(s)	Category	Project Title	Sponsor

HS-BE-016	Gabe Danilchik	Behavioral & Social Sciences	The Color of Music	Jennifer Guenther
Award:	HM			
HS-BO-011	Nicholas Horres	Botany	Plant Shock	James Gardner
Award:	HM			
HS-BO-012	Cami Wendlandt	Botany	The Cucumis Genus and Moisture Holding Capacities	James Gardner
Award:	HM			
HS-CO-008	Kyle Kingsbury	Computer Sciences	ChatX0r	James Gardner
Award:	HM			
HS-CO-012	Jules Kongslie	Computer Sciences	Exploration of Methods for Distributed Computing	James Gardner
Award:	HM			
HS-CO-013	Brient Hess	Computer Sciences	Exploration of Methods for Distributed Computing	James Gardner
Award:	Outstanding Communications Engineering Project	shirt and certificate		IEEE Communication Society
HS-CO-014	Robert Burgess	Computer Sciences	Polynomial Regression on Two-dimensional Matrices for Storage and Compression of Images	James Gardner
Award:	Outstanding Mathematics Project	Plaque		Oregon Council of Teachers of Mathematics
Award:	Outstanding Computer Software Project	Certificate and shirt		IEEE Computer Society
Award:	2nd			

HS-PH-043	Jon Roth	Physics	Optimization of Trebuchet Ballistics	James Gardner
<i>Award:</i> HM				
HS-ZO-007	Jenna Schoof	Zoology	The Effects of Glucose on the Utilization of Creatine in Mice	Jim Gardner
<i>Award:</i> Best of Fair Alternate		Plaque	Portland State University	
<i>Award:</i> 1st				
HS-ZO-008	Monika Wieland	Zoology	Beneath the Waves: A Study of Boats and Orca Vocalizations	Jim Gardner
<i>Award:</i> Naval Excellence in Science and Engineering Award		Certificate and graphing calculator	Office of Naval Research, US Navy and Marine Corps	
<i>Award:</i> 3rd				

<i>Mt. Vernon Middle School</i>		<i>1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)</i>		
Exhibit #	Student(s)	Category	Project Title	Sponsor

MS-ME-021	Tilli Armstrong	Medicine & Health	Does Reading Certain Articles Raise Your Pulse?	Neil Bauer
<i>Award:</i> HM				
MS-MI-005	Emily Johns	Microbiology	Mold	Deanna Nash
<i>Award:</i> HM				
MS-MI-008	Danielle Barry	Microbiology	Which Mouthwash Works the Best to Kill Bacteria in the Mouth?	Neil Bauer
<i>Award:</i> HM				
MS-MI-009	Rebecca Holliday	Microbiology	Effects of Mouthwash on Bacteria	Neil Bauer
<i>Award:</i> Discovery Channel Young Scientist Challenge Nomination		Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC.	Discovery Communications, Inc	
<i>Award:</i> 1st				

<i>North Marion Middle School</i>		<i>1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)</i>		
Exhibit #	Student(s)	Category	Project Title	Sponsor

MS-BO-027	Hailee Smith, Emily Wilhite	Botany	Which Type of Plant will Curve Toward the Light?	Julie Linder
<i>Award:</i> HM				
MS-BO-100	Raelyn Lewis, Tadd Lenon	Botany	Seeds and Plants	Julie Linder
<i>Award:</i> HM				

North Middle School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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MS-BE-053	Michele Sinclair	Behavioral & Social Sciences	Get Out of My Space	Travis Reese
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Award: HM

Oregon Episcopal Middle School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
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MS-BO-014	John Morrow, Andrew Parker, Anthony Talwalkar	Botany	Does Plant Fertilizer Affect the Growth Rate of Duckweed	Benno Lyon
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Award: HM

MS-CH-005	Avery Sills, Elle Alexander	Chemistry	What is the Rate and Quantity of Rust on Different Iron-based Metals Soaked in Water?	Benno Lyon
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Award: Outstanding Project Influencing Corrosion Awareness/Control

NACE International

MS-CH-006	Jennifer Luong, Stephanie Howell	Chemistry	How Do Ice And Heat Affect The Temperature Of Different Chemicals?	Benno Lyon
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Award: HM

MS-CH-007	Elliott Scheer, Nathan Hayes	Chemistry	Out of the Fuels Chosen, Which One Burns the Hottest?	Benno Lyon
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Award: Discovery Channel Young Scientist Challenge Nomination

Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC.

Discovery Communications, Inc

Award: 3rd

MS-CP-001	Valerie Rippey, Maryanne Seeley	Consumer Products Testing	A Hair Raising Experience	Scott Hardister
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Award: 3rd

MS-CP-018	Stephen Morrison, Robert Inskeep, Phillip Hibbs	Consumer Products Testing	GolfBalls: Quality vs. Price	Scott Hardister
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Award: 3rd

MS-EA-001	Mia Garrett, Christa Grauert, Katherine Turney	Earth and Space Sciences	Ocean in Motion	Angela Hancock
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Award: 3rd

MS-EG-009	Lenka Ilcisin	Engineering	Let there Be Light	Scott Hardister
Award:	Best Project in Optical Science and Engineering	Certificate		SPIE-The International Society for Optical Engineering
Award:	3rd			
MS-EV-004	Allison Krause, Casey von Ofenheim, Sarah Canepa	Environmental Sciences	The Days of Our Daphnia	Angela Hancock
Award:	Outstanding Aquatic Related Environmental Science Project	\$50		Lake Oswego Corporation
Award:	HM			
MS-EV-012	Annie Drinkward, Sia Kruss, Sam Shainsky	Environmental Sciences	Let There Be Light	Scott Hardister
Award:	HM			
MS-LT-004	Nick Devich, Logan Johnston, Michael McCoy, Nick Chessar	Large Team	Ultraviolet Protection	Scott Hardister
Award:	HM			
MS-LT-005	Kari Davidson, Rahael Gupta, Caite Millar, Amy McMilan, Caroline Kokubun	Large Team	How Do Different Rocks Affect the Neutralization of Acid Rain in Oregon and Hawaii?	Angela Hancock
Award:	3rd			
MS-LT-006	Katie Van der Weele, Chris Chapman, Dylan Page, Zack Wadsworth	Large Team	How Does Filtering Through Different Types of Media Affect the Ammonium and Nitrate Levels of Tap Water with Varying Amounts of Miracle Gro?	Angela Hancock
Award:	Discovery Channel Young Scientist Challenge Nomination	Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC.	Discovery Communications, Inc	
Award:	1st	Plaque, Curriculum materials for the school from Carolina Biological	Carolina Biological Supply Company	
MS-LT-009	Gwynneth Johnson, Zach Hoffman, Annie Wolfstone, Erin Colton-Enberg	Large Team	How does copper in the water affect the growth rate of frogs	Angela Hancock
Award:	2nd			
MS-ME-005	Kasey Grewe, Jessica Tsao	Medicine & Health	The effects of tooth whiteners on teeth	Scott Hardister
Award:	Outstanding Oral Biology Project	\$25		OHSU School of Dentistry
Award:	2nd			
MS-ME-008	Micheal Loy, Harry Maizels, Todd Perkins	Medicine & Health	What Substance Cleans Teeth the Best?	Benno Lyon
Award:	HM			

MS-ME-009	Haley Elliott, Rebecca Wald, Annie Seder	Medicine & Health	How Do Different Drinks Affect Your Heart Rate After Exercising?	Benno Lyon
<i>Award:</i> HM				
MS-ME-010	Eric Wilson, Alexander Tallian	Medicine & Health	The Voltage of Iontophoresis	Benno Lyon
<i>Award:</i> Discovery Channel Young Scientist Challenge Nomination Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC. Discovery Communications, Inc				
<i>Award:</i> 1st				
MS-ME-015	Megan Morey, Kelsey McArthur-Phillips	Medicine & Health	UVB	Scott Hardister
<i>Award:</i> HM				
MS-ME-016	Lauren Eyler	Medicine & Health	Metal Foils as Radon Barriers	Scott Hardister
<i>Award:</i> 2nd				
MS-MI-002	Matt Eshelman, Geoff Groner	Microbiology	Which Water Source Will Grow the Most Bacteria	Benno Lyon
<i>Award:</i> HM				
<i>Award:</i> Discovery Channel Young Scientist Challenge Nomination Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC. Discovery Communications, Inc				
MS-MI-003	Carling Leon, Alicia Furnary	Microbiology	Which Of The Four Schools at OES Has The Most Bacteria And In Which Places?	Benno Lyon
<i>Award:</i> 2nd				
MS-MI-004	Madeline Duthie	Microbiology	Do Alkaline, Acidic, or Neutral Liquids Affect the Mold Growth Rate of Oranges?	Benno Lyon
<i>Award:</i> HM				
MS-PH-002	Britta Ross	Physics	Slow Down!	Scott Hardister
<i>Award:</i> HM				
MS-PH-006	Kelsi Fraley, Diane Grewe	Physics	Fintatstic Fins	Scott Hardister
<i>Award:</i> HM				
MS-PH-008	Elise Marsh, Sarah Kushner	Physics	Box Out	Scott Hardister
<i>Award:</i> HM				

MS-PH-018	Monica Sheer	Physics	Effect of Temperature on Solar Cells	Scott Hardister
Award:	Discovery Channel Young Scientist Challenge Nomination		Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC.	Discovery Communications, Inc
Award:	Creative Use of Technology for Data Collection		A TI-83 Silver and a CBL 2 data collection system for the student and their teacher	Texas Instruments
Award:	1st			
MS-PH-019	Max Chambers, Will Bland, Sean Gordon	Physics	Tsunami Splash Down	Angela Hancock
Award:	HM			
MS-PH-024	Ravi Garg, Prakash Bhasker	Physics	What is the Effect of Voltage on the Electromagnetic field of an Electromagnet?	Benno Lyon
Award:	Outstanding Electromagnetic Compatibility Project		Certificate and shirt	IEEE Oregon Electromagnetic Compatibility Society
Award:	HM			
MS-PH-046	Saskia Mariike Ilcisin, Jennifer Joy VanderWeele	Physics	How does air pressure in a soccer ball affect the distance it is kicked?	Angela Hancock
Award:	Discovery Channel Young Scientist Challenge Nomination		Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC.	Discovery Communications, Inc
Award:	2nd			
MS-ZO-008	Torben Noto, Hunter Bellville	Zoology	What Fruit Flies Like Best and at What Age	Benno Lyon
Award:	2nd			

<i>Oregon Episcopal Upper School</i>		<i>1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)</i>		
<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
HS-BE-011	Jacob Reisberg	Behavioral & Social Sciences	Exploration of Implicit Bias in Jury Decision Making	Bill Lamb
Award:	3rd			
HS-BE-019	Iris Jeon	Behavioral & Social Sciences	Do Patterns in Numbers and Word Images Act as Aids to Memory?	Peter Langley
Award:	ISEF Alternate		The right to attend the Intel International Science and Engineering Fair in May as an observer.	
Award:	1st			

HS-BE-021	Lauren Westlund	Behavioral & Social Sciences	Comparison of Projectile Points from the Morand-1 Site and the Burnett Site	Peter Langley
<i>Award:</i>	Most Effective Use of Photography		Certificate, Photo Kit to student & teacher	Eastman Kodak Company
<i>Award:</i>	2nd			
HS-BI-003	Sergio Zenisek	Biochemistry	Varying the Polyamino Base of Proteinoid and Polymer Microspheres	Bill Lamb
<i>Award:</i>	HM			
HS-BI-006	Priya Bhatt	Biochemistry	Analyzing and Comparing the Isozymes of Wild Type and Salt Tolerant Ceratopteris	Bill Lamb
<i>Award:</i>	3rd			
HS-BI-008	Marina Lawson	Biochemistry	Synthesizing Organic Compounds Using Atmospheric Gases and Presumed Prehistoric Conditions	Peter Langley
<i>Award:</i>	HM			
HS-BO-005	Andrew Platt	Botany	Photosynthetic Variations in Marine Algae	Bill Lamb
<i>Award:</i>	Outstanding Project in Plant Biology		\$50 and certificate	OSU Department of Botany and Plant Pathology
<i>Award:</i>	3rd			
HS-BO-014	Sam Asarnow	Botany	Proteolytic Enzyme Production in the Insectivorous Plant Sundew (<i>Drosera adalae</i>) in Response to Prey Stimulation	Peter Langley
<i>Award:</i>	ISEF Finalist Individual		an expenses paid trip to the Intel International Science and Engineering Fair in May as a competitor	
<i>Award:</i>	Best of Fair		Plaque, Oregon Laurels Full-Tuition Scholarship to PSU	Portland State University
<i>Award:</i>	Army Outstanding High School Project in Life Sciences		Certificate and Savings bond (\$50)	Army Research Office, U.S. Army
<i>Award:</i>	1st			
HS-BO-016	Christa von Behren	Botany	The Effect of Growth Rate on the Competitive Success of Epiphytic Crustose Lichens	Peter Langley
<i>Award:</i>	ISEF Finalist Individual		an expenses paid trip to the Intel International Science and Engineering Fair in May as a competitor	
<i>Award:</i>	Best of Fair Alternate		Plaque	Portland State University
<i>Award:</i>	2nd			
HS-CH-003	Eric Lundblade	Chemistry	Construction of a Dye-Sensitized Nanocrystalline TiO ₂ Energy Converter	Rosa Hemphill
<i>Award:</i>	HM			
HS-CH-007	Neil Lakin	Chemistry	Designing a Responsive Polymer Gel Artificial Muscle for Robotics and Prosthetics	Rosa Hemphill
<i>Award:</i>	3rd			

HS-CH-023	Thomas Saiget	Chemistry	The Effect of Different Length Alkanethiols on the Electrode Properties of their Self-Assembled Monolayers on Au(111)	Peter Langley
<i>Award:</i>	2nd			
HS-CH-024	Yvonne Yamanaka	Chemistry	Synthesis and Evaluation of Molecularly Imprinted Polymers for the Enantiomeric Resolution of D- and L- Phenylalanine in Aqueous Solutions	Peter Langley
<i>Award:</i>	Outstanding Project by an 11th Grade Student	Certificate, medallion		Yale University Science and Engineering Association
<i>Award:</i>	ISEF Finalist Individual	an expenses paid trip to the Intel International Science and Engineering Fair in May as a competitor		
<i>Award:</i>	Best of Fair	Plaque, Oregon Laurels Full-Tuition Scholarship to PSU		Portland State University
<i>Award:</i>	1st			
HS-CO-017	Karl Kuchs	Computer Sciences	An Investigation of Group Robotics within a Colony Setting	Bill Lamb
<i>Award:</i>	Outstanding Engineering Project	Certificate and shirt		IEEE Oregon
<i>Award:</i>	Outstanding Electrical or Computer Engineering Project	Certificate		American Electronics Association
<i>Award:</i>	Outstanding Computer Engineering Project	plaque and certificate		IEEE Computer Society
<i>Award:</i>	Best in Systems, Man and Cybernetics			IEEE Oregon
<i>Award:</i>	3rd			
HS-EA-002	Mariam Totonchy	Earth and Space Sciences	Correlating Volcanic Activity on Io with the Amount of Dust in the Jovian System from 1996-2002	Peter Langley
<i>Award:</i>	Outstanding Geoscience Project	certificate		Association Of Women Geoscientists
<i>Award:</i>	Outstanding Geology Project	T-shirt		Cascade Volcano Observatory
<i>Award:</i>	2nd			
HS-EA-003	Makely Lyon	Earth and Space Sciences	Correlation Analysis of Climatic Parameters by Latitude versus Galactic Cosmic Ray Flux and Solar Activity: Evidence for Naturally Caused Global Warming	Peter Langley
<i>Award:</i>	Outstanding Project in Meteorology, Oceanic or Atmospheric Sciences	certificate		American Meteorological Society
<i>Award:</i>	Naval Excellence in Science and Engineering Award	Certificate and graphing calculator		Office of Naval Research, US Navy and Marine Corps
<i>Award:</i>	ISEF Alternate	Right to attend the ISEF as an observer.		
<i>Award:</i>	Best of Fair Alternate	Plaque		
<i>Award:</i>	1st			

HS-EG-001	Saeyoon Baik, Paul Jang	Engineering	A New Method of Manufacturing A Silicon Solar Cell	Rosa Hemphill
<i>Award:</i>	Outstanding Project in Power Engineering		Certificate and shirt	IEEE Oregon Power Society
<i>Award:</i>	ISEF Finalist Team		an expenses paid trip to the Intel International Science and Engineering Fair in May as a competitor	
<i>Award:</i>	HM			
<i>Award:</i>	Best of Fair Team			
HS-EG-013	Julian Potter	Engineering	Building a Cost-Effective and Efficient Solar Desalinization Plant	Bill Lamb
<i>Award:</i>	Army Outstanding High School Project in Engineering		Certificate and Savings bond (\$100), Medallion	Army Research Office, U.S. Army
HS-EG-019	Michael Coulter	Engineering	Catalytic Growth of Zirconium Oxide Nanowires and their Electron Field Emission Properties	Peter Langley
<i>Award:</i>	Outstanding Project in Surface Physics or Microelectronics	\$150		American Vacuum Society, NW section
<i>Award:</i>	Outstanding Project in Materials Science	certificate		ASM International Foundation
<i>Award:</i>	ISEF Finalist Individual		an expenses paid trip to the Intel International Science and Engineering Fair in May as a competitor	
<i>Award:</i>	Best of Fair		Plaque, Oregon Laurels Full-Tuition Scholarship to PSU	Portland State University
<i>Award:</i>	1st			
	<i>Also receives:</i> PSU College of Engineering and Computer Science Engineering Scholarship		<i>Includes:</i> \$1500 scholarship	
	<i>Also receives:</i> CTL Corporation Award		<i>Includes:</i> Computer monitor	
HS-EG-022	Colin Platt	Engineering	Creating a Cheaper Cosmic Ray Detector	Bill Lamb
<i>Award:</i>	HM			
HS-EV-011	Stephanie Phillips	Environmental Sciences	The Relationship Between Weather Conditions and Industrial Pollution	Rosa Hemphill
<i>Award:</i>	Outstanding Air Quality Project	Plaque		Southwest Clean Air Agency
<i>Award:</i>	HM			
HS-EV-024	Colin Ackerman, Robert Davenport	Environmental Sciences	Are There Elevated Levels of Nitrate in the Fanno Creek Watershed From Golf Course Runoff?	Peter Langley
<i>Award:</i>	ISEF Finalist Team		an expenses paid trip to the Intel International Science and Engineering Fair in May as a competitor	
<i>Award:</i>	Best of Fair Team			
<i>Award:</i>	3rd			
HS-EV-051	Michael Chau	Environmental Sciences	The Effect of Ambient Temperature on the Degradation of Microcystin-LR Toxin	Peter Langley
<i>Award:</i>	Outstanding Aquatic Related Environmental Science Project	\$50		Lake Oswego Corporation
<i>Award:</i>	2nd			

HS-EV-057	Margaret Savinar	Environmental Sciences	Creating a New water Quality Index	Diarmad Bash
<i>Award:</i> HM				
HS-LT-004	Kent Saitoh, Thomas Bennett, Eli Kwitman, Matthew Wiest, Peter Farago, Randy Goossen, Joshua Sklar	Large Team	Detecting Cosmic Ray Muons	Bill Lamb
<i>Award:</i> 3rd				
HS-ME-012	Graham Hopkins	Medicine & Health	A Three-Dimensional Study of Fetal Cardiac Mass	Rosa Hemphill
<i>Award:</i> HM				
HS-ME-019	Sasha Borodovsky	Medicine & Health	Effects of Paroxetine, Imipramine and Lorazepam on the Heart Rate and Behavior of Daphnia magna	Peter Langley
<i>Award:</i> 1st				
HS-ME-020	Helen Chow	Medicine & Health	Green Tea and its Effect on the Emulsification and Chemical Digestion of Lipids	Peter Langley
<i>Award:</i> Project Best Illustrating Surgeon General's Health Recommendations		Certificate		US Public Health Service
HS-MI-005	Scott Saiget	Microbiology	Producing Hydrogen from Chlamydomonas, Scenedesmus, and Chlorella	Bill Lamb
<i>Award:</i> 3rd				
HS-MI-008	Brandon Aughenbaugh	Microbiology	The Differences in Growth Rate and Colony Shape of Three Serratia Marcescens Mutants	Peter Langley
<i>Award:</i> HM				
HS-MI-010	Tucker Page	Microbiology	The Relationship Between pH and the Metabolism of the Thermophilic Bacterium, Bacillus stearothermophilus	Peter Langley
<i>Award:</i> HM				
HS-MI-014	Noah Morganstern	Microbiology	Studying the antibacterial properties of capsaicin	Rosa Hemphill
<i>Award:</i> HM				
HS-MI-015	Briana Carp	Microbiology	A Study of Two Disinfectants to Eliminate Pseudomonas fluorescens and Staphylococcus epidermidis Grown Planktonically and in Biofilms from Soft Contact Lenses	Peter Langley
<i>Award:</i> Outstanding Project in In Vitro Biology		Certificate		Society for in Vitro Biology
<i>Award:</i> 2nd				
HS-PH-009	Lane Musgrave	Physics	A Study of Flight: The Comparison of Lift Produced by Two Balsa Wood Model Wings	Robert Orr
<i>Award:</i> Century of Flight Award		Tee shirt, advance to next level of competition		U.S. Air Force
<i>Award:</i> 2nd				

HS-PH-022	Elysha Wiest	Physics	Rotational Friction in Ballet Shoes	Robert Orr
<i>Award:</i> HM				
HS-PH-038	Nicolas Coletto	Physics	Cold Fusion and Half Life	Bill Lamb
<i>Award:</i> HM				
HS-PH-039	Jenny Wolochow, Benjamin Kaplin	Physics	Stress In Prince Rupert's Drops	Bill Lamb
<i>Award:</i> 3rd				
HS-ZO-010	Brian King	Zoology	Facilitation of Maze Learning in the Pill Bug, Armadillidium Vulgare	Peter Langley
<i>Award:</i> 3rd				
HS-ZO-012	Katherine Murphy	Zoology	Spatial Avoidance of Competition by the Green Winged Teal and Northern Shoveler on a Freshwater Marsh	Peter Langley
<i>Award:</i> Excellence in Statistics		\$75	American Statistical Association	
HS-ZO-013	Florian Picchi-Dobson, Ozan Unlu	Zoology	Reproduction Rate of Mutant Drosophila Fruit Flies at Different Temperatures	Peter Langley
<i>Award:</i> HM				

<i>Our Lady of Lourdes</i>		<i>1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)</i>		
Exhibit #	Student(s)	Category	Project Title	Sponsor

MS-PH-026	Christopher Dentel	Physics	How Pulleys Make Our Lives Easier	Steve Dentel
<i>Award:</i> HM				

<i>Pilgrim Lutheran School</i>		<i>1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)</i>		
Exhibit #	Student(s)	Category	Project Title	Sponsor

MS-CP-020	Amara Garnas	Consumer Products Testing	Compared to other food, does honey spoil?	Rebecca Stehle
<i>Award:</i> 3rd				

MS-EV-016	Chris Ortigoza	Environmental Sciences	How does wind, rain, and temperature changes wear down and erode mountains?	Rebecca Stehle
<i>Award:</i> Discovery Channel Young Scientist Challenge Nomination		Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC.		
<i>Award:</i> 1st				

MS-PH-045 Andrea Black Physics Why does the sky change color? Rebecca Stehle
Award: Outstanding Project in Meteorology, Oceanic or Atmospheric Sciences certificate American Meteorological Society

Riley Creek Elem **1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)**

Exhibit # Student(s) Category Project Title Sponsor

MS-BE-055 Susie Herbage Behavioral & Social Sciences Impact of Pheromone Perfumes on People of Varying Ages Jodi Litterell

Award: 3rd

MS-BE-056 Alex Carey Behavioral & Social Sciences Can Your Body's Involuntary Nervous System be Affected by Other's Thoughts or Intentions? Jodi Litterell

Award: Discovery Channel Young Scientist Challenge Nomination Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC. Discovery Communications, Inc

Award: 3rd

MS-EG-100 Tanner Mathison Engineering Turbine Axis Orientation - Is a Vertical Axis or a Horizontal Axis Wind Turbine more efficient at generating power Jodi Litterell

Award: Outstanding Project in Power Engineering Certificate and shirt IEEE Oregon Power Society

Award: Herbert Hoover Young Engineer Award Medallion, certificate Herbert Hoover Presidential Library Association

Award: Discovery Channel Young Scientist Challenge Nomination Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC. Discovery Communications, Inc

Award: Best of Fair Trophy

Award: 2nd

MS-GE-101 MaCall Marstall Gerontology Does Solitary Living or Social Interactions and Gender of an Organism Affect its Life Span? Jodi Litterell

Award: Studies in Aging \$25 Gerontology Associates

Award: Discovery Channel Young Scientist Challenge Nomination Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC. Discovery Communications, Inc

Award: 1st

Skyview High School*1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)*

Exhibit #	Student(s)	Category	Project Title	Sponsor
HS-BE-009	Andy Clos	Behavioral & Social Sciences	The Effects of Music On Reaction Time	Richard Clos
<i>Award:</i> HM				
HS-BE-012	Ryan Johnson	Behavioral & Social Sciences	Effects of Different Media on Learning and Memory Retention.	Maelynn Anderson
<i>Award:</i> HM				
HS-EG-004	Jessica Winebarger	Engineering	Rheology Profiles of Thickening Agents in Water-Based Coatings	Kris Vockler
<i>Award:</i> HM				
HS-ME-016	Nasiema Wingate-Pearse	Medicine & Health	Cerebral White Matter Maturation in Perinatal Rodents	Larry Fleckenstein
<i>Award:</i> HM				

Southridge High School*1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)*

Exhibit #	Student(s)	Category	Project Title	Sponsor
HS-BE-030	Kristina Rinella	Behavioral & Social Sciences	The Relationship Between Omega 3 Fish and Self Esteem in High School Adolescence	Joel Morgan
<i>Award:</i> HM				
HS-BE-032	Danny Lee, Charles Lee, Jeff Chan	Behavioral & Social Sciences	Can you determine if someone is lying or not by body language?	Melissa Sanders
<i>Award:</i> HM				
HS-BI-010	Jennifer Nguyen, Theresa Nguyen	Biochemistry	Carrots: Boiled or Microwaved, Which Provides the Most Nutrition?	Melissa Sanders
<i>Award:</i> HM				
HS-BI-100	Whetherly Cundiff	Biochemistry	Role of Creatine Kinase in Mammalian Tissue	Joel Morgan
<i>Award:</i> Outstanding Chemistry Related Project		\$25, book, certificate	Iota Sigma Pi	
<i>Award:</i> Outstanding Chemistry Project		\$250, certificate	American Chemical Society, Portland Section	
<i>Award:</i> 2nd				
HS-EG-032	Randy Herron	Engineering	Microlenses- An Application in Nano-scale Lithography	Joel Morgan
<i>Award:</i> Outstanding Optics Award		Projector for the teacher	InFocus Corporation	
<i>Award:</i> HM				

HS-EV-100	Wesley Williams	Environmental Sciences	Affect of Water Vapor on Greenhouse Gases	Joel Morgan
<i>Award:</i>	Outstanding Project in Meteorology, Oceanic or Atmospheric Sciences certificate			American Meteorological Society
<i>Award:</i>	HM			
HS-EV-103	Brandon Nedwek	Environmental Sciences	Crop Density and its Impact on Ammonification in Monoculture Systems	Joel Morgan
<i>Award:</i>	HM			
HS-GE-100	Kevin Yoo, Alex R. Kim	Gerontology	Building Memory: Fortification of Degenerated Central Neural Tissue and Reattachment of dissipated Nerual Connections	Joel Morgan
<i>Award:</i>	HM			
HS-ME-029	Kristin Cummings	Medicine & Health	How do the terminal diseases of those not taking anti-depressants progress in comparison with the terminal diseases of those who are taking anti-depressants?	Joel Morgan
<i>Award:</i>	3rd			
HS-ME-032	Kelly Perry	Medicine & Health	The Plausibility of the Construction and Distribution of an Automatic Antiretroviral Medication Delivery System	Joel Morgan
<i>Award:</i>	3rd			
HS-PH-054	Shane McCauley	Physics	The Affect of a Magnetic Field on a Moving Ferromagnetic Material	Joel Morgan
<i>Award:</i>	HM			

<i>St. Francis of Assisi School</i>		<i>1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)</i>		
Exhibit #	Student(s)	Category	Project Title	Sponsor

MS-BO-007	Taylor Gobel	Botany	What is Better Natural or Chemical?	Vicki Furtado
<i>Award:</i>	3rd			
MS-BO-008	Kassie Traapp	Botany	The Affect of Crowding on Plant Growth	Vicki Furtado
<i>Award:</i>	HM			
MS-EG-013	Greta Mannen	Engineering	Insulation Effectiveness	Vicki Furtado
<i>Award:</i>	HM			
MS-EG-014	Michael Lawrence	Engineering	The Stronger the Structure, the More Weight it can Hold	Vicki Furtado
<i>Award:</i>	HM			

<i>St. John Fisher School</i>		<i>1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)</i>		
Exhibit #	Student(s)	Category	Project Title	Sponsor

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MS-BE-032	Ashley Loberg	Behavioral & Social Sciences	The Effect of Music on the Brain	Andra Russell
<i>Award:</i> HM				
MS-BE-034	Katie O'Donnell	Behavioral & Social Sciences	Operant Conditioning: Mazes vs. Gender	Andra Russell
<i>Award:</i> Discovery Channel Young Scientist Challenge Nomination		Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC.		Discovery Communications, Inc
<i>Award:</i> 2nd				
MS-BE-035	Shayla Vistica	Behavioral & Social Sciences	Age vs. Reflexes	Andra Russell
<i>Award:</i> HM				
MS-BO-017	Rachel Devlin	Botany	Sound's Effect on Plants	Andra Russell
<i>Award:</i> 3rd				
MS-BO-019	J.P. Bhatia	Botany	The Effects of Magnets on Radish Seed Growth	Andra Russell
<i>Award:</i> HM				
MS-BO-020	Kate Unterberger	Botany	The Effects of Used Water on Plant Growth	Andra Russell
<i>Award:</i> 2nd				
MS-BO-021	Lainie Gunsul	Botany	The Effects of Mycorrhizal on Plants	Andra Russell
<i>Award:</i> 3rd				
MS-CP-008	Kaylee Gaman	Consumer Products Testing	Do Aromas Make You Feel the Way They Advertise?	Andra Russell
<i>Award:</i> Discovery Channel Young Scientist Challenge Nomination		Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC.		Discovery Communications, Inc
<i>Award:</i> 1st				
MS-CP-012	Karina Galvin	Consumer Products Testing	The Effects of Laundry Detergents on Stains	Andra Russell
<i>Award:</i> HM				
MS-CP-013	Madeline Botteri	Consumer Products Testing	Which Household Material Used As Insulation Will Keep In the Most Heat?	Andra Russell
<i>Award:</i> HM				
MS-CP-014	Stephanie Labasan	Consumer Products Testing	Which Breakfast Cereal Contains the Most Iron?	Andra Russell
<i>Award:</i> HM				
MS-EG-015	Kohle Kreitzberg	Engineering	The Effect of Heat on the RPM of A Propeller	Andra Russell
<i>Award:</i> HM				

MS-EV-009	Eric Larsen	Environmental Sciences	Relationship of Temperature, Ph, Turbidity, and Dissolved Oxygen Levels to Weather Conditions in North Ash Creek.	Andra Russell
Award:	Outstanding Project in the Environmental Sciences Emphasizing Solutions	\$50		Environmental Educators Association of Oregon
Award:	HM			
MS-EV-010	Erika Foster	Environmental Sciences	Percolation and Infiltration Through Various Soil Types: How Water Moves Through Soil	Andra Russell
Award:	Outstanding Project in Water Quality	T-shirt		U.S. Geological Survey
Award:	Outstanding Geoscience Project	certificate		Association Of Women Geoscientists
Award:	Discovery Channel Young Scientist Challenge Nomination	Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC.		Discovery Communications, Inc
Award:	3rd			
MS-MI-006	Jane Rall	Microbiology	Bacterial Resistance to Tetracycline, Pennicillin and Erythromycin	Andra Russell
Award:	3rd			
MS-ZO-010	Aaron Cooper	Zoology	Effects of Different Media on Mealworm Development	Andra Russell
Award:	3rd			

<i>Stoller Middle School</i>				
<i>1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)</i>				
<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
MS-PH-038	Anlin Xue, Brian Liu	Physics	The Effect of Wind Speeds, Angles of Attack and Shape of Airfoils on the Lifting Force	Hongyong Xue
Award:	Discovery Channel Young Scientist Challenge Nomination	Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC.		Discovery Communications, Inc
Award:	3rd			

<i>Visitation Grade School</i>				
<i>1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)</i>				
<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
MS-CP-019	Lacy Kennedy	Consumer Products Testing	Shaving and Waxing	Connie Saul
Award:	HM			
MS-CP-103	Traci Vanaken	Consumer Products Testing	Egg Whites	Connie Saul
Award:	HM			

MS-EG-021	Alan McCarthy	Engineering	Structure Vs. Strength	Connie Saul
<i>Award:</i>	3rd			
MS-EV-103	Brian Bellinger	Environmental Sciences	Water vs. Water	Connie Saul
<i>Award:</i>	Outstanding Project in Water Quality	T-shirt		U.S. Geological Survey
<i>Award:</i>	HM			
MS-PH-044	Rita Hepler	Physics	The Effect of Surface Type and Angle of Incline on Potential to Kinetic Transfer	Connie Saul
<i>Award:</i>	Outstanding Project in Surface Physics or Microelectronics	\$75		American Vacuum Society, NW section

West Linn High School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
HS-MA-100	Meredith McKenzie, Laura Ely	Mathematics	Heron's Formula	Karen Kennedy
<i>Award:</i>	2nd			
HS-ME-025	Rhea Edelman, Erin Frantz	Medicine & Health	Effect of Exam Stress on Cortisol Levels	Larry Edelman
<i>Award:</i>	2nd			

West Salem High School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
HS-EA-008	Jennifer McKibben	Earth and Space Sciences	The Influence of Substrate on Forensic Tire Tread Pattern Analysis	Steve Holman
<i>Award:</i>	HM			
HS-ZO-018	Caroline Hilburn	Zoology	A Proposed Method for Monarch Butterfly (<i>Danaus plexippus</i>) Tagging Using Phosphor Technology	Steve Holman
<i>Award:</i>	2nd			

Westview High School

1st, 2nd, 3rd, HM are category place awards (HM = Honorable Mention)

<i>Exhibit #</i>	<i>Student(s)</i>	<i>Category</i>	<i>Project Title</i>	<i>Sponsor</i>
HS-EG-014	Parvathy Menon	Engineering	Design and Fabrication of Planar Glucose Sensor Arrays	Dave Ehrenkranz
<i>Award:</i>	Herbert Hoover Young Engineer Award	Medallion, certificate		Herbert Hoover Presidential Library Association
<i>Award:</i>	2nd			

Exhibit #	Student(s)	Category	Project Title	Sponsor
MS-CH-014	Alexis Shusterman, Emma Pfohman	Chemistry	WATER CONDUCTIVITY	Wendy Archibald
Award:	Discovery Channel Young Scientist Challenge Nomination		Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC.	Discovery Communications, Inc
Award:	Best Project by a 5th or 6th Grade Student		\$50	Pacific NW Society for Coating Technology
Award:	2nd			
MS-CH-015	Justine Beaton	Chemistry	Curding Milk with Acid Liquid	Wendy Archibald
Award:	HM			
MS-EA-003	Murphy Pfohman	Earth and Space Sciences	Red in the Sky	Wendy Archibald
Award:	2nd			
MS-GE-003	Kelly Sellers	Gerontology	How the Mozart Effect affects you	Wendy Archibald
Award:	2nd			
MS-GE-005	Sylvia Peterson-Perry, Emily Snyder	Gerontology	Act Your Age: Confidence By Age	Wendy Archibald
Award:	3rd			
MS-MA-001	Kevin Grove	Mathematics	Applied Euclidian Algebra	Wendy Archibald
Award:	2nd			
MS-MA-005	Caroline Brickell	Mathematics	The mathematics of folding	Wendy Archibald
Award:	2nd			
MS-MA-006	Cassidy Slaughter-Mason	Mathematics	Iconographic Corrolation	Wendy Archibald
Award:	HM			
MS-MA-007	Noelle VanRysselberghe	Mathematics	The Coin Connection	Wendy Archibald
Award:	HM			

MS-MA-008	Joseph Carpenter	Mathematics	Probability in a Bus System	Wendy Archibald
<i>Award:</i>	Outstanding Mathematics Project	Plaque		Oregon Council of Teachers of Mathematics
<i>Award:</i>	Discovery Channel Young Scientist Challenge Nomination	Certificate, lapel pin and they are nominated to enter the Discovery Channel Young Scientist Challenge and compete against middle school students nation wide for a trip to compete at the Smithsonian in Washington, DC.		Discovery Communications, Inc
<i>Award:</i>	1st			

MS-ME-013	Travis Royce, Max Bennet	Medicine & Health	The placebo effect of caffeine	Wendy Archibald
<i>Award:</i>	3rd			