

2008 Intel Northwest Science Expo Special Award Results-Middle School

Notice: these results have not been confirmed and are subject to change.

Middle School Outstanding Project in an Atmospheric Science Exhibit Sponsored by American Meteorological Society
certificate

Ethan Takla, East Sylvan Middle School

Project: Can A Tornado Be Formed Without Wind Shear?

Middle School Outstanding Project in an Atmospheric Science Exhibit Sponsored by American Meteorological Society
certificate

Tanner Hyland, East Sylvan Middle School

Project: Can A Tornado Be Formed Without Wind Shear?

Middle School Outstanding Project in an Atmospheric Science Exhibit Sponsored by American Meteorological Society
certificate

Kimaya Gupte, Rachel L. Carson Environmental Middle School

Project: Ethanol: An answer to Global Warming?

Middle School Outstanding Research in Psychology Sponsored by American Psychological Association and Teachers of Psychology in Secondary Schools
Certificate

Lindsay Overhage, Rachel L. Carson Environmental Middle School

Project: A Voice for Elephants

Middle School Excellence in Statistics Sponsored by American Statistical Association
\$50

Kayla Lanker, Bridlemile Elementary School

Project: Is temperature affecting concentration?

Middle School Excellence in Statistics Sponsored by American Statistical Association
\$50

Nicholas Hanson-Holtry, Summa Academy South

Project: Train the Human Brain?

Middle School Excellence in Statistics Sponsored by American Statistical Association
\$50

Philip Aulie, Bend Science Station

Project: Spider Gloves

Middle School Outstanding Project in Surface Physics or Microelectronics Sponsored by American Vacuum Society, NW section

\$75

Josh Suran, Bend Science Station

Project: Sticky Gloves

Middle School Army Outstanding Middle School Project Sponsored by Army Research Office, U.S.
Army
Certificate
Luke Galloway, Bend Science Station
Project: Traveling Toads

Middle School Army Outstanding Middle School Project Sponsored by Army Research Office, U.S.
Army
Certificate
Grace Altree, Whitford Middle School
Project: Seeing Under the Sea: Underwater Webcam

Middle School Army Outstanding Middle School Project Sponsored by Army Research Office, U.S.
Army
Certificate
Terrance Sun, Summa Academy South
Project: Green Computing: Conditions for Optimal Performance Per Watt

Middle School Army Outstanding Middle School Project Sponsored by Army Research Office, U.S.
Army
Certificate
Kimaya Gupte, Rachel L. Carson Environmental Middle School
Project: Ethanol: An answer to Global Warming?

Middle School Outstanding Project in Materials Science Sponsored by ASM International
Foundation
Certificate
Phillip Kriegel, Summa Academy South
Project: The Electrical Resistivity of Metals and Their Alloys

Middle School Outstanding Geoscience Project Sponsored by Association Of Women Geoscientists
certificate
Mariah Bruns, Winterhaven Middle School
Project: The Angle of Repose: The Affect of Water

Middle School Outstanding Geoscience Project Sponsored by Association Of Women Geoscientists
certificate
Grace Altree, Whitford Middle School
Project: Seeing Under the Sea: Underwater Webcam

Middle School Most Effective Use of Photography Sponsored by Eastman Kodak Company
trophy
Adria Dortignacq, West Sylvan Middle School
Project: Spectral Analysis of Skyglow Using Digital Photography

Middle School Herbert Hoover Young Engineer Award Sponsored by Herbert Hoover Presidential
Library Association
Medallion, certificate
Sid Dhawan, Summa Academy North
Project: Using Sociable Robots to Help Cure Autism

Middle School Highway Transport First Place Sponsored by Highway Transport Research
\$100, certificate

Julia Tatiyatrairong, Rosemont Ridge Middle School

Project: How much do Cable-Stayed bridges move due to wind?

Middle School Highway Transport Second Place Sponsored by Highway Transport Research
\$50, certificate

Luke Scheuermann, Leslie Middle School

Project: Seatbelt Safety

Middle School IEEE multiple awards Sponsored by IEEE Oregon

William Yuan, Meadow Park Middle School

Project: High Efficiency 3-Dimensional Nanotube Solar Cells for Visible and UV Light

Middle School IEEE multiple awards Sponsored by IEEE Oregon

Vashnav Pandey, Meadow Park Middle School

Project: High Efficiency 3-Dimensional Nanotube Solar Cells for Visible and UV Light

Middle School IEEE multiple awards Sponsored by IEEE Oregon

Isabellah vonTrapp, Leslie Middle School

Project: Soundwaves

Middle School IEEE multiple awards Sponsored by IEEE Oregon

Kelsey Dammarell, Leslie Middle School

Project: Soundwaves

Middle School IEEE multiple awards Sponsored by IEEE Oregon

Shaun Stice, Leslie Middle School

Project: How does windspeed affect the electrical output of a wind generator?

Middle School IEEE multiple awards Sponsored by IEEE Oregon

Alex Ferry, Leslie Middle School

Project: How does windspeed affect the electrical output of a wind generator?

Middle School IEEE multiple awards Sponsored by IEEE Oregon

Ammine Getahun, Oregon Islamic Academy

Project: Floating Plates

Middle School IEEE multiple awards Sponsored by IEEE Oregon

Alan Cheng, Scholls Heights Elementary

Project: Automatic Plant Watering Device, A Project Using Microcontroller

Middle School IEEE multiple awards Sponsored by IEEE Oregon

Luke Scheuermann, Leslie Middle School

Project: Seatbelt Safety

Middle School Outstanding Aquatic Related Environmental Science Project Sponsored by Lake
Oswego Corporation

\$50 and trophy

Aishwarya Vardhana, Valley Catholic Middle School

Project: A Novel Method for the Prevention of Ecological Imbalance Due to Oil Contamination in
Wetlands

Middle School Taking the Pulse of the Planet Sponsored by National Oceanic and Atmospheric Administration
certificate

Julia Renner, ACCESS

Project: The Effects of Acid Rain on Photosynthesis

Middle School Taking the Pulse of the Planet Sponsored by National Oceanic and Atmospheric Administration
certificate

Terrance Sun, Summa Academy South

Project: Green Computing: Conditions for Optimal Performance Per Watt

Middle School Taking the Pulse of the Planet Sponsored by National Oceanic and Atmospheric Administration
certificate

Alexa Baggenstos, Valley Catholic Middle School

Project: Car Exhaust Affects on Plant Growth

Middle School Naval Excellence in Science and Engineering Award Sponsored by Office of Naval Research, US Navy and Marine Corps
Certificate, Medal

Louisa Conwill, Yamhill Carlton School District

Project: Colors or Numb3rs?

Middle School Naval Excellence in Science and Engineering Award Sponsored by Office of Naval Research, US Navy and Marine Corps
Certificate, Medal

Julia Tatiyatrairong, Rosemont Ridge Middle School

Project: How much do Cable-Stayed bridges move due to wind?

Middle School Naval Excellence in Science and Engineering Award Sponsored by Office of Naval Research, US Navy and Marine Corps
Certificate, Medal

Yamini Naidu, Valley Catholic Middle School

Project: Carbon Dioxide Capture System

Middle School Naval Excellence in Science and Engineering Award Sponsored by Office of Naval Research, US Navy and Marine Corps
Certificate, Medal

Anisha Datta, Jackson Elementary

Project: Buzzing biofuels! catching their carbon footprints !

Middle School Naval Excellence in Science and Engineering Award Sponsored by Office of Naval Research, US Navy and Marine Corps
Certificate, Medal

Megan Greeney, Valley Catholic Middle School

Project: The Predictability of Palindrome Orders

Middle School Naval Excellence in Science and Engineering Award Sponsored by Office of Naval Research, US Navy and Marine Corps
Certificate, Medal

Sovijja Pou, Summa Academy South
Project: Archimedes Principle and Its Applications

Middle School Naval Excellence in Science and Engineering Award Sponsored by Office of Naval Research, US Navy and Marine Corps
Certificate, Medal

Maya Rait, Portland Jewish Academy
Project: Archimedes Solar Screw

Middle School Outstanding Sustainability Project Sponsored by Oregon Museum of Science and Industry

OMSI membership, OMSI science store gift certificate, certificate, opportunity to display project at OMSI during Earth Day celebration.

Kimaya Gupte, Rachel L. Carson Environmental Middle School
Project: Ethanol: An answer to Global Warming?

Middle School Outstanding Sustainability Project Sponsored by Oregon Museum of Science and Industry

OMSI membership, OMSI science store gift certificate, certificate, opportunity to display project at OMSI during Earth Day celebration.

Aishwarya Vardhana, Valley Catholic Middle School
Project: A Novel Method for the Prevention of Ecological Imbalance Due to Oil Contamination in Wetlands

Middle School Outstanding Science Project About Forests Sponsored by Pacific NW Research Station, USDA Forest Service

Plaque
Graham Connell, Neil Armstrong Middle School
Project: Effect of Global Warming on the Northern Position of the Gulf Stream

Middle School Outstanding Science Project About Forests Sponsored by Pacific NW Research Station, USDA Forest Service

Plaque
Liam Cooper, Neil Armstrong Middle School
Project: Effect of Global Warming on the Northern Position of the Gulf Stream

Middle School Outstanding Project by a 5th or 6th Grade Student Sponsored by Pacific NW Society for Coating Technology

\$75 and trophy
Anusha Pai, Elmonica Elementary School
Project: The Geometry Of Nature

Middle School Outstanding Air Quality Project Sponsored by Southwest Clean Air Agency
Plaque

Naomi Shah, Summa Academy North
Project: Indoor Air Quality: Sustainable vs. Non-Sustainable Home

Middle School Outstanding Project in Water Quality Sponsored by U.S. Geological Survey
T-shirt

Srinidhi Viswanathan, Summa Academy North
Project: Bioremediation: A Way to Cleanup Oil Spills

Middle School Outstanding Use of the International System of Units Sponsored by U.S. Metric
Association

certificate and trophy
Annelise Cummings, Winterhaven Middle School
Project: Using My Head to Size up Barbie, Manga & Mii

Middle School Outstanding Use of the International System of Units Sponsored by U.S. Metric
Association

certificate and trophy
Sovijja Pou, Summa Academy South
Project: Archimedes Principle and Its Applications

Middle School Project Best Illustrating Surgeon General's Health Recommendations Sponsored by
U.S. Public Health Service

Certificate and trophy
Pratyusa Mukherjee, Summa Academy North
Project: Curing Egg Allergies Using Digestive Enzymes