

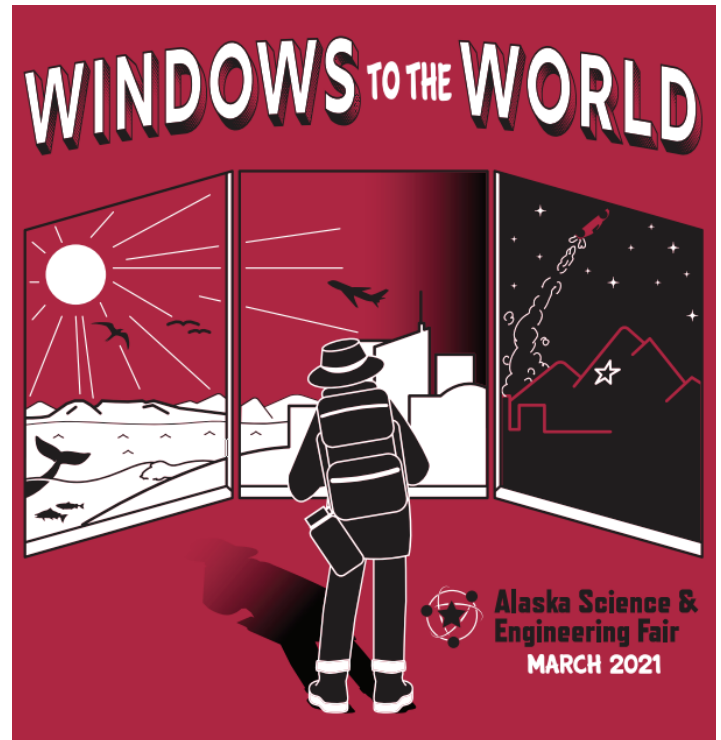
2021 Alaska Science & Engineering Fair Awards

Dear science fair participants and parents,

Thank you all so much for your participation in this year's Alaska Science and Engineering Fair. We know this year has been difficult for everyone, and it is AWESOME that all of you took the time and care to create such amazing projects. It was a delight to judge them and see the results of your hard work.

This year, we have the privilege to distribute over \$10,000 in prizes from 34 different organizations! We are so grateful to our community sponsors that made these awards possible. They know you work very hard on your projects, and believe you deserve recognition for your pursuit of scientific excellence.

Without further ado, we present the Special Award winners for the Alaska Science and Engineering Fair!



Awards by Project Name

A Wormies New Home

By: Joshua

Ribbon: Gold

Awards:

- High School Category Winner \$500
Animal Sciences

Batteries: The Shocking Truth

By: Gregory

Ribbon: Silver

Awards:

- Bristol Engineers \$50

BB Ballistics

By: Piper

Ribbon: Gold

Awards:

- Middle School Category Winner \$250
Engineering
- Broadcom Masters Certificate
- MTA Foundation \$50
- Office of Naval Research Gift & Ribbon
- Alaska Science Teachers \$50
- Middle School Abstracts or \$50
Technical Writing - 1st place
- Middle School Display or Project \$50
Presentation - 1st Place

Can You Hatch Chicken Eggs Bought at a Grocery Store?

By: Emily

Ribbon: Gold

Awards:

- Judges Choice Award \$100
- Kitty and K9 - Petco Gift
- Elks in Excellence \$30
- Elementary Abstracts or \$30
Technical Writing - 2nd Place

Close Encounters

By: Ryder

Ribbon: Gold

Copy Cats

By: Margaret

Ribbon: Gold

Awards:

- Middle School Category Winner \$250
Behavioral & Social Sciences
- Broadcom Masters Certificate
- Judges Choice Award \$100
- Middle School Abstracts or Certificate
Technical Writing - Honorable
Mention

Create Plastic From Milk

By: Kiera

Ribbon: Gold

Awards:

- Franz Foundation \$25

Dangerous Silver

By: Sophia

Ribbon: Gold

Awards:

- High School Category Winner Environmental Sciences \$500
- Bristol Engineering \$50
- Judges Choice Award \$150
- NOAA Certificate
- Office of Naval Research Gift, Ribbon & \$75 Gift Cert
- High School Abstract or Technical Writing - 3rd Place \$30

Distillation and pH

By: Jenae

Ribbon: Gold

Awards:

- Northern Utility Services \$50
- Yale Medal & Cert
- High School Abstract or Technical Writing - 2nd Place \$30

Does it Measure Up to Taste?

By: Jessica

Ribbon: Gold

Does it Measure Up to the Taste

By: Marley

Ribbon: Gold

Awards:

- Middle School Category Winner Chemistry \$250
- Broadcom Masters Certificate
- Franz Foundation \$100
- Red Cat Food Tech Microscope
- Middle School Abstracts or Technical Writing - 3rd Place \$20
- Middle School Display or Project Presentation - 3rd Place \$20

Does Low-Fat Change the Way Food Tastes?

By: luke

Ribbon: Gold

Awards:

- Franz Foundation \$50
- US Public Health \$100 + Coin
- Middle School Abstracts or Technical Writing - Honorable Mention Certificate

Does Juneau Generate Enough Electrical Energy to Run Completely on Renewable Technology?

By: Annabella

Ribbon: Gold

Awards:

- 2nd Place Overall Participation at ISEF
- High School Category Winner Energy and Transportation \$500
- AMC Engineers \$100
- Mu Alpha Theta Certificate
- NASA Certificate
- US Metric Certificate

Electric Engineering: How Do Circuits Work

By: Gabriel

Ribbon: Gold

Awards:

- Elks Award of Merit Certificate

Finding Out What Natural and Unnatural Lip Balm Does to Flowers

By: Betty and Elli

Ribbon: Gold

Awards:

- MTA Foundation \$25

Flood the Ballast Tanks

By: Ichirowynn

Ribbon: Gold

Awards:

- Northern Utility Services \$25
- Elks in Excellence \$30

From Bouquet to House Plants, Will They Survive?

By: Penelope

Ribbon: Gold

Awards:

- MTA Foundation \$75

How do Volcanoes Erupt and How are They Formed?

By: Michael and Joel

Ribbon: Silver

How Does Height of a Building Affect How Well it Can Survive an Earthquake?

By: Quinton

Ribbon: Silver

How Plants Grow Towards Light

By: Lillian and Avyanna

Ribbon: Gold

Awards:

- MTA Foundation \$25
- Elementary Award of Excellence for a Team Project \$100

How Sound Waves Travel to Our Ears

By: Saelem

Ribbon: Silver

How Will Different Types of Sugar Affect the Growth of a Sugar Crystal?

By: Evan

Ribbon: Gold

I'm Thirsty

By: Miles

Ribbon: Silver

Awards:

- AMC Engineering \$125
- Bristol Engineering \$100
- Northern Utility Services \$100

Izzy's Baking Soda and Vinegar Project

By: Izzy

Ribbon: Gold

Awards:

- Judges Choice Award \$100
- Alaska Science Teachers \$50
- Elementary Abstracts or Technical Writing - Honorable Mention Certificate

Jordan Creek Water Quality

By: Mathias

Ribbon: Silver

Awards:

- MTA Foundation \$50
- High School Display or Project Presentation - 3rd Place \$20

Lava Lamp

By: Aliza

Ribbon: Gold

Lava Lamps

By: Francisca

Ribbon: Gold

Layering Sunblocks

By: Dean

Ribbon: Silver

Awards:

- Unified Alaskan Utilities \$50
- US Public Health \$100 + Coin

Oh Sweet!

By: Maria

Ribbon: Gold

Awards:

- High School Category Winner Cellular and Molecular Bio \$500
- Franz Foundation \$50
- High School Abstracts or Technical Writing - 1st Place \$50

Oil Filter for Storm Drains

By: Kate

Ribbon: Gold

Awards:

- 1st Place Overall Participation at ISEF
- High School Category Winner Engineering \$500
- Judges Choice Award \$100
- Northern Utility Services \$75
- Meteorological Society Certificate
- ASM Materials Certificate
- Office of Naval Research Gift, Ribbon & \$75 Gift Card
- US Air Force Certificate
- McGyver - Top Prize Gift
- Prince William Sound Award \$100
- Alaska Science Teachers \$50
- High School Display or Project Presentation - 1st Place \$50
- High School Abstract or Technical Writing - Honorable Mention Certificate

Paper Air Rockets

By: Daniel

Ribbon: Gold

Paper Airplanes Flight

By: Raphael

Ribbon: Gold

Awards:

- Northern Utility Services \$50

Parachute Design

By: Ethan

Ribbon: Silver

Awards:

- Unified Alaskan Utilities \$25
- McGyver Gift

Pollution in the Mendenhall River

By: Abigail and Gwendolyn

Ribbon: Silver

Awards:

- Bristol Engineering \$75
- MTA Foundation \$100
- Alaska Microbiology Association \$25
- High School Display or Project Presentation - 2nd Place \$30

Powering a Car by Four Different Sodas and Mentos

By: Eleanor and Domino

Ribbon: Gold

Awards:

- Unified Alaskan Utilities \$25
- Elementary Award of Excellence for Team Projects \$100

Project Abuelo

By: Samuel

Ribbon: Silver

Rainbow Dye Mask

By: Karosina

Ribbon: Gold

Reflective Roofs

By: Ellie

Ribbon: Gold

Awards:

- Bristol Engineering \$25
- Northern Utility Services \$25
- McGyver Gift
- Alaska Science Teachers \$50
- Elementary Abstract or Technical Writing - 1st Place \$50

Robotic Arm Project, Do Things Get Better With Time?

By: Ethan

Ribbon: Gold

Awards:

- Elks Award of Merit Certificate

Rocket Knows

By: Iris

Ribbon: Gold

Awards:

- Elks in Excellence \$30
- Elementary Abstract or Technical Writing - Honorable Mention Certificate

Rust

By: George

Ribbon: Gold

Sugar for the Soul

By: Arabella

Ribbon: Gold

Awards:

- High School Category Winner Medicine and Health \$500
- Franz Foundation \$100
- MTA Foundation \$75
- High School Abstract or Technical Writing - Honorable Mention Certificate

Testing Road Runoff in Juneau Alaska

By: Landon and Karthik

Ribbon: Gold

Awards:

- MTA Foundation \$50
- High School Display or Project Presentation - Honorable Mention Certificate

The Power of the Sun

By: Charles

Ribbon: Gold

Awards:

- Northern Utility Services \$25

The Two Eggs

By: Kaylee

Ribbon: Gold

Up in the Air

By: Richard

Ribbon: Gold

Awards:

- MTA Foundation \$50

Vinegar and Baking Soda Bottle Rocket

By: Sara and Hanalori

Ribbon: Gold

Awards:

- Middle School Abstract or Technical Writing - 2nd Place \$30
- Middle School Display or Project Presentation - 2nd Place \$30

Volcanoes

By: Cori

Ribbon: Gold

Awards:

- Northern Utility Services \$25

Vortex Avian Control

By: Scott

Ribbon: Gold

Awards:

- Bristol Engineering \$100
- Northern Utility Services \$100
- Office of Naval Research Gift & Ribbon
- McGyver Gift
- Levenston Student Innovation Award Certificate
- Broadcom Foundation \$250 Gift Card
- Broadcom Masters Certificate

Warmth of Furs

By: Chantal

Ribbon: Gold

Awards:

- Alaska Science Teachers \$50

Water Rockets to the Moon

By: Giovanni

Ribbon: Gold

Awards:

- Northern Utility Services \$25
- Elks Award of Merit Certificate

Water Rockets to the Moon!

By: Alex

Ribbon: Gold

Awards:

- Northern Utility Services \$25
- Elks Award of Merit Certificate

Weights on the Bridge

By: Scarlett

Ribbon: Gold

Awards:

- MTA Foundation \$50
- Elks in Excellence \$30

What Amount of Sugar is the Best for Rock Candy

By: Charley and Lilly-Rose

Ribbon: Gold

Awards:

- Franz Foundation \$25

What are Geodes?

By: Guadalupe

Ribbon: Gold

Awards:

- Tony Dunn Memorial Award Gift

What are Stars Made Of?

By: Malie

Ribbon: Silver

Awards:

- MTA Foundation \$25

What is the Best Amount of Sugar for Rock Candy?

By: Charley

Ribbon: Gold

What's in Your Water Juneau?

By: Malaki

Ribbon: Silver

Why is Getting Stuck in the Mudflats so Scary?

By: Nora and Cassidy

Ribbon: Silver

Will it Grow?

By: Mary

Ribbon: Silver

Awards:

- Alaska Microbiology Association \$25

Wind Turbines

By: Erik

Ribbon: Gold

Awards:

- AMC Engineers \$25
- Northern Utility Services \$50
- Technology in Action Gift
- Alaska Railroad 2 Railroad Tickets
- Elks in Excellence \$30
- Elementary Abstract or Technical Writing - 3rd Place \$20

Winter Versus Worms

By: North

Ribbon: Gold

Awards:

- MTA Foundation \$50
- Kitty and K9 - Petco Gift
- Alaska Entomology Association \$25 Gift Card
- Elks Award of Merit Certificate

Wonder Worms VS Immortal Evil Styro

By: Jaxson

Ribbon: Gold

Awards:

- MTA Foundation \$25

Awards by Organization

Alaska Entomology Association

The Alaska Entomological Society gives an award to support students interested in insect or invertebrate-related research. AKES judges based on scientific merit, depth of knowledge, and presentation quality. The award consists of a certificate and a mailed \$25 gift certificate to Bioquip, an on-line entomological supply company, to further the student's interest in their entomological pursuits.

Winner:

- Winter Vs. Worms - North

Alaska Microbiology Association

Winners:

- Will it Grow? - Mary
- Pollution in the Mendenhall River - Abigail and Gwendolyn

Alaska Professional Communicators

The Alaska Professional Communicators judge the written abstracts and display communication in grades 4-12. They award a certificate and \$50 for 1st place, \$30 for 2nd place, \$20 for 3rd place, and a certificate for honorable mentions.

High School Abstract or Technical Writing Excellence

Winners:

- 1st Place: Oh Sweet! - Maria
- 2nd Place: Distillation and pH - Jenae
- 3rd Place: Dangerous Silver - Sophia
- Honorable Mention: Oil Filter for Storm Drains - Kate
- Honorable Mention: Sugar for the Soul - Arabella

High School Display or Project Presentation Excellence

Winners:

- 1st Place: Oil Filter for Storm Drains - Kate
- 2nd Place: Pollution in the Mendenhall River - Abigail and Gwendolyn
- 3rd Place: Jordan Creek Water Quality - Mathias
- 3rd Place: Testing Road Runoff in Juneau Alaska - Landon and Karthik

Middle School Abstract or Technical Writing Excellence

Winners:

- 1st Place: BB Ballistics - Piper
- 2nd Place: Vinegar and Baking Soda Bottle Rocket - Sara and Hanalori
- 3rd Place: Does it Measure up to the Taste? - Marley
- Honorable Mention: Does Low-Fat Change the Way Food Tastes - Luke
- Honorable Mention: Copy Cats - Margaret

Middle School Display or Project Presentation Excellence

Winners:

- 1st Place: BB Ballistics - Piper
- 2nd Place: Vinegar and Baking Soda Bottle Rocket - Sara and Hanalori
- 3rd Place: Does it Measure up to the Taste - Marley

Elementary School Abstract or Technical Writing Excellence

Winners:

- 1st Place: Reflective Roofs - Ellie
- 2nd Place: Can You Hatch Chicken Eggs Bought at a Grocery Store? - Emily
- 3rd Place: Wind Turbines - Erik
- 3rd Place: Rocket Knows - Iris
- 3rd Place: Izzy's Baking Soda and Vinegar Project - Izzy

Alaska Railroad

The Alaska Railroad has been an important contributor to Alaska's communities since construction began in 1914. In line with this tradition, the Alaska Railroad donates to rail-belt communities and organizations. This includes hundreds of non-profits that enhance educational opportunities, community quality of life, economic health, community services and business development.

An outstanding project in the Energy and Transportation category will receive 2 free railroad tickets.

Winner:

- Wind Turbines - Erik

Alaska Science Teachers Association

ASTA represents Science Educators in the State of Alaska and is committed to excellence in STEM education. This year our focused criteria was innovative approaches to real world challenges.

Each winner will receive a certificate and a \$50.00 check

Winners:

- BB Ballistics - Piper
- Izzy's Baking Soda and Vinegar Project - Izzy
- Oil Filter for Storm Drains - Kate
- Reflective Roofs - Ellie
- Warmth of Furs - Chantal

AMC Engineers

AMC Engineers is a nationally recognized consulting firm specializing in institutional, commercial and residential building system design.

They gave three monetary awards recognizing excellence in the field of Renewable Energy and in the use of Electronic circuits.

Recognizing Excellence in the Field of Renewable Energy

Winners:

- Does Juneau Generate Enough Electrical Energy to Run Completely on Renewable Technology? - Annabella
- Wind Turbines - Erik

Recognizing Excellence in Use of Electronic Circuits

Winner:

- I'm Thirsty - Miles

American Meteorological Society

The American Meteorological Society selected their two special award winners based on applicability to weather, climate, water processes, and oceanography. Each winner will receive a certificate from the AMS.

Winners:

- Oil Filter for Storm Drains - Kate

ASM Materials

The ASM Materials Education Foundation is pleased to present one award certificate. This award recognizes the winner showing the best use of new materials.

Winner:

- Oil Filter for Storm Drains - Kate

Bristol Engineering Services, LLC

Bristol Engineering Services Company, LLC, provides civil, transportation, structural, environmental, arctic, and coastal engineering, construction, construction management, and permitting and planning services.

Bristol Engineering gave six monetary awards recognizing excellence in innovation, water treatment, application of the scientific method, electrical engineering, and in the field of water resource management.

Recognizing Excellence in Innovation

Winner:

- Vortex Avian Control - Scott

Recognizing Excellence in Water Treatment

Winner:

- I'm Thirsty - Miles

Recognizing Excellence in the Application of the Scientific Method

Winner:

- Reflective Roofs - Ellie

Recognizing Excellence in Electrical Engineering

Winner:

- Batteries: The Shocking Truth - Gregory

Recognizing Excellence in the Field of Water Resource Management

Winners:

- Dangerous Silver - Sophia
- Pollution in the Mendenhall River - Abigail and Gwendolyn

Broadcom Foundation

Broadcom Foundation supports programs that provide equitable access to STEM learning with a commitment that all young people need to acquire the essential 21st century skills of critical thinking, collaboration, communication and creativity that empower them to become confident problem solvers, innovators and leaders in their chosen fields.

The winner will receive a certificate as well as a \$250.00 Gift Card

Winner:

- Vortex Avian Control - Scott

Broadcom Masters

The Broadcom Masters: Math, Applied Science, Technology, Engineering for Rising Stars, is the nation's premier science fair competition for 6th, 7th, and 8th grade students. The top 10% of students competing here today have the honor of continuing their science fair journey by applying to compete in the Broadcom MASTERS competition.

Winners:

- BB Ballistics - Piper
- Copy Cats - Margaret
- Does it Measure up to the Taste? - Marley
- Vortex Avian Control - Scott

Elementary Award of Excellence

Recognizing Excellence in an Elementary Team Project

Winners:

- How Plants Grow Towards the Light - Lillian and Avyanna
- Powering a Car by Four Different Sodas and Mentos - Eleanor and Domino

Elks Scholars of Merit

Anchorage Elks Lodge #2868 has been willing to invest in and support elementary students asking scientific questions and learning about their world.

This award goes to elementary projects showing strong examples of the scientific process. Winners will receive a certificate.

Winners:

- Electric Engineering: How Do Circuits Work? - Gabriel
- Robotic Arm Project, Do Things Get Better With Time - Ethan
- Water Rockets to the Moon - Giovanni
- Water Rockets to the Moon! - Alex
- Winter Versus Worms - North

Elks Scholars of Excellence

Anchorage Elks Lodge #2868 has been willing to invest in and support elementary students asking scientific questions and learning about their world.

These are Elementary projects showing outstanding examples of the scientific process. Winners will receive a certificate and \$30.

Winners:

- Can You Hatch Chicken Eggs Bought at a Grocery Store - Emily
- Flood the Ballast Tanks - Ichirowynn
- Rocket Knows - Iris
- Weights on the Bridge - Scarlett
- Wind Turbines - Erik

Franz Foundation

Franz Bakery believes in the importance of supporting their communities. They support families, youth development and hunger reduction in areas that Franz and our family of bakeries serve.

The Franz Bakery Foundation gave money to not only support the Alaska Science and Engineering Fair general fund, but also donated prizes to encourage six students in the field of Food Science.

Recognizing Excellence in the Field of Food Science

Winners:

- Sugar for the Soul - Arabella
- Oh Sweet! - Maria
- What Amount of Sugar is the Best for Rock Candy - Charley and Lilly-Rose
- Does it Measure Up to the Taste? - Marley
- Does Low-Fat Change the way Food Tastes? - Luke
- Create Plastic from Milk - Kiera

Judges Choice Awards

Recognizing Clarity of Project and Excellence in Animal Sciences

Winner:

- Can You Hatch Chicken Eggs Bought at a Grocery Store? - Emily

Recognizing Application of the Scientific Method in Environmental Science

Winner:

- Dangerous Silver - Sophia

Recognizing Overall Clarity of Display

Winner:

- Izzy's Baking Soda and Vinegar Project - Izzy

Recognizing Creativity in Applying the Scientific Method to Behavioral Science

Winner:

- Copy Cats - Margaret

Recognizing Creative Approach to an Environmental Issue

Winner:

- Oil Filter for Storm Drains - Kate

Kitty and K9 - Petco

For projects in the field of animal science, the animal rescue organization Kitty and K-9, along with corporate sponsor Petco award two prizes.

These projects research into animal behavior or improvement in the care and comfort of domestic animals. Petco applauds our young scientists as they work to make our animal companions safer, healthier, and happier.

Winners:

- Winter Versus Worms - North
- Can you Hatch Chicken Eggs Bought at a Grocery Store - Emily

Levenston Student Innovation Award

Winner:

- Vortex Avian Control - Scott

McGyver

The McGyver Award honors special students and unique projects where, like the namesake, students had to “McGyver” their experiment to get their question answered.

To celebrate their abilities each McGyver (four projects) will receive a gift to celebrate your creativity and efforts.

Winners:

- Top Prize: Oil Filter for Storm Drains - Kate
- Vortex Avian Control - Scott
- Parachute Design - Ethan
- Reflective Roofs - Ellie

MTA Foundation

Each year, the MTA Foundation invests in its community through donations and major grants. The goal is to encourage economic development, technological diversity, and growth throughout the entire community.

MTA Foundation was very excited to donate to our organization for the first time. They gave not only a generous donation to our organization, but also donated monetary awards for twelve projects!

Recognizing Excellence in the Field of Life Science

Winners:

- Finding out What Natural and Unnatural Lip Balm Does to Flowers - Betty and Elli
- From Bouquet to House Plants, Will they Survive? - Penelope
- How Plants Grow Towards Light - Lillian and Avyanna
- Winter Versus Worms - North
- Wonder Worms Vs Immortal Evil Styro - Jaxson

Recognizing Excellence in Visual Presentation of the Scientific Method

Winners:

- BB Ballistics - Piper
- Sugar for the Soul - Arabella
- Pollution in the Mendenhall River - Abigail and Gwendolyn
- Jordan Creek Water Quality - Mathias

Recognizing Excellence in Data Collection and the Scientific Method

Winners:

- Up in the Air! - Richard
- Weights on the Bridge - Scarlett

Recognizing Excellence in the Field of Environmental Science

Winner:

- Testing Road Runoff in Juneau Alaska - Landon and Karthik

Recognizing Excellence in the Field of Planetary Science

Winner:

- What are Stars Made of? - Malie

Mu Alpha Theta

Winner:

- Does Juneau Generate Enough Electrical Energy to Run Completely on Renewable Technology? - Annabella

NASA

This award by NASA reflects the diverse work done in planetary sciences, weather, land mapping and space studies.

A certificate is awarded to a high school project that explores these fields.

Winner:

- Does Juneau Generate Enough Electrical Energy to Run Completely on Renewable Technology? - Anabella

NOAA

The National Oceanic and Atmospheric Administration (NOAA) is happy to provide the “Taking the Pulse of the Planet” award, consisting of a certificate and a medallion, to one individual whose research emphasizes NOAA’s mission to understand and predict changes in the Earth’s environment and to conserve and manage coastal and marine resources to meet our Nation’s economic, social, and environmental needs.

Winner:

- Dangerous Silver - Sophia

Northern Utility Services

Northern Utility Services serves the diverse needs of Community Water Systems in the State of Alaska. Their passion is providing safe drinking water to all.

This year Northern Utility Services is giving awards to students who created a test apparatus to complete their experiment, and Data Collection and the Scientific Method.

Recognizing Excellence in the Construction of a Test Apparatus

Winners:

- Distillation and pH - Jenae
- Flood the Ballast Tanks - Ichirowynn
- I’m Thirsty - Miles
- Oil Filter for Storm Drains - Kate
- Reflective Roofs - Ellie
- The Power of the Sun - Charles
- Volcanoes - Cori
- Vortex Avian Control - Scott
- Water Rockets to the Moon - Giovanni
- Water Rockets to the Moon! - Alex
- Wind Turbines - Erik

Recognizing Excellence in Data Collection and the Scientific Method

Winners:

- Paper Airplanes Flight - Raphael

Prince William Sound Regional Citizens Advisory Council

The Prince William Sound Regional Citizens Advisory Council would like to present this award for excellence in Oil Spill Science. The project was evaluated for process, understanding and creativity.

The award is a certificate of recognition and a \$50.00 check.

Winner:

- Oil Filter for Storm Drains - Kate

Red Cat Food Tech

The Red Cat Food Technologies Award is given by Chef Mary Helms, team leader of the Red Cat Competition Cooking Team. This award is given to a project in the field of Microbiology or Chemistry that supports research and discovery as related to food safety and service.

Recipient of this award becomes an official Red Cat, receiving a compact tabletop microscope and certificate of excellence in Food Related Sciences.

Winner:

- Does it Measure Up to the Taste? - Marley

Technology in Action

Technologies in Action awards are given to projects that explore our world and ask questions that are often hard to answer or need to be further explored.

To celebrate as we look into the Windows of the World, a large kite and a kite making book are being given as a prize.

Winner:

- Wind Turbines - Erik

Tony Dunn Memorial

In 1986 Tony Dunn was an active research geologist for the Federal bureau of Mines in the Wrangell Mountains where, in a tragic accident on a scree field, Tony was lost at the age of 27. In his memory, a young geologist is recognized for their love of the science of rocks.

The student winner receives a geologist's favorite tool, a rock hammer, with hopes they will continue in that field of study.

Winner:

- What are Geodes? - Guadalupe

Unified Alaskan Utilities, LLC

Unified Alaskan Utilities is a private utility company dedicated to providing high quality water and wastewater service by unifying and revitalizing community utilities throughout Alaska.

They gave three monetary awards recognizing excellence in the application of the scientific method. They want to encourage you to keep researching and keep asking questions!

Recognizing Excellence in the Application of the Scientific Method

Winners:

- Layering Sunblocks - Dean
- Parachute Design - Ethan

Recognizing Excellence in the Presentation of a Failed Experiment

Winner:

- Powering a Car by Four Different Sodas and Mentos - Eleanor and Domino

US Air Force

This award is given to a project that reflects military related technology, engineering, and sciences.

The award is a certificate and a gift bag.

Winner:

- Oil Filter for Storm Drains - Kate

US Metric Association

Winner:

- Does Juneau Generate Enough Electrical Energy to Run Completely on Renewable Technology - Annabella

US Navy Office of Naval Research

The Office of Naval Research sponsors scientific research for the U.S. Navy and Marine Corps. ONR has a long history of sponsoring science that changes the world.

The high school awardees will be receiving a certificate of achievement, a medallion, and an on-line gift certificate that will come in the mail.

The middle school awardees will be winning a certificate of achievement and a medallion.

Winners:

- BB Ballistics - Piper
- Dangerous Silver - Sophia
- Oil Filter for Storm Drains - Kate
- Vortex Avian Control - Scott

US Public Health Service and The Commissioned Officer's Association Aurora Borealis Branch

The awards are for projects that are Public Health related.

A winner in each school level will receive a certificate, \$100.00 and a COA Coin

Winners:

- Layering Sunblocks - Dean
- Does Low-Fat Change the Way Food Tastes - Luke

Yale Science and Engineering

The Yale Science and Engineering Association, Inc wishes to provide one certificate to the most outstanding 11th grade student exhibiting in the areas of Computer Science, Engineering, Physics or Chemistry.

A formal certificate and medallion will be awarded to the winner.

Winner:

- Distillation and pH - Jenae