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S C I E N C E  
N E W S L E T T E R

8 grade  
**SCIENCE** *comes alive*

\*\*\*\*\*INQUIRY THROUGH ACTION\*\*\*\*\*



*DATES*

*April 12th - Science SBA test*

*May 6 through 9 - Promotion Practice*

*May 10 - 8th grade Promotion*

**Doing Science!**

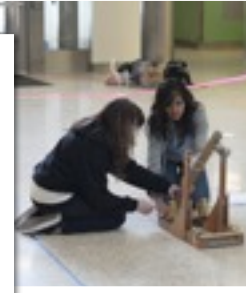
Engage your child in learning! The more all of us together can get the youth of today actively involved in the world they live in, the more they will understand the planet's seasons, climates and processes.

As students become engaged, they become better critical thinkers and problem solvers. These qualities are needed for them to become leaders in the community. Encourage your child to do their very best.



**Science Olympiad Team Places THIRD in State Competition**

Hopson Middle School students traveled to Anchorage to participate in the state Science Olympiad competition held on UAA's campus. Highlights included **4th place** individual finishes in **Anatomy** by Cody Ponce de Leon and Ariana Salamat, **Can't Judge a Powder** by Arvinelle Gandia and Camille Llarena, and **Optics** by Arvinelel and Ariana. **5th place** individual finishes went to **Awesome Aquifers** by Arvinelle and Ariana, and **Ecology** Ynelle Nobleza and Robert Kanayurak. Mrs. Greene also received an Outstanding Coach award.





## *Topography*

- 🕒 Students focused on map reading skills that are valuable in understanding the terrain around Barrow.
- 🕒 Using a model mountain, students learned the concepts of contour lines, intervals and river valleys.

## **Stars and Light Spectra**

Wearing goggles, students break apart light to see the colors that make up 'white' light.



## *Energy Transfer Activities*

Newtons Laws? Potential and kinetic energy? Wind energy turning into mechanical energy then into electricity? Electrical energy turned into light? Ask your kids about it! Students were involved in a series of activities where they explored a variety of energy transfers in class this quarter. They built ramps, tested blade angle to measure a wind generator's efficiency and built electrical circuits.



## *Wildlife Poster Winners*

Several students entered the poster contest this year sponsored by USFWS. The theme was 'Circle of Life'. First place regional winners were Shelbi Matthews and Camille Llarena. Their posters will be entered in the state competition this month.

