

## Science 5

5<sup>th</sup> graders continue to study matter. Students will continue to study the three phases of matter and learn about how they can change based on temperature, and chemical and physical changes. Students recently used water and baking soda to write an invisible message. They will decode the invisible messages using blackberries, a chemical reaction.

## Science 6

6<sup>th</sup> graders have been working on a unit in Genetics. They are learning many vocabulary terms such as homozygous, heterozygous, alleles, dominant, recessive, genotype...the list goes on! Students completed a lab using black and white beans to model the feather color of baby owls. The lab uses Punnett Squares and Probability.

## Science 7

7<sup>th</sup> graders have begun a study in chemical and physical reactions. Since many chemical reactions involve temperature changes, they are using math to come up with a linear function to convert Degrees Celsius to Degrees Fahrenheit. After deriving this formula, they will use it to convert temperatures of many items, such as the sun, the human body, and layers within the Earth.

## Science 8

8<sup>th</sup> graders have been working on a unit in Genetics. They are learning many vocabulary terms such as homozygous, heterozygous, alleles, dominant, recessive, genotype...the list goes on! Students completed a lab using black and white beans to model the feather color of baby owls. The lab uses Punnett Squares and Probability.

## Regents Earth Science

8<sup>th</sup> graders are wrapping up their study of Tectonic Plates and Earthquakes. They completed a lab to determine the epicenter of an Earthquake. Soon they will be learning about Pangea and investigate methods to locate volcanoes around the globe.