

Sixth Grade Science Learning Targets 2015-2016 REGIONAL SCHOOL UNIT #22

RSU #22 is committed to the optimal learning of all students. As RSU #22 continues to move towards meeting 2018 graduation expectations, we have elected to look at proficiency learning targets K-12. Rather than only the high school being responsible to report student proficiency, we have created some initial targets at each grade level. We know that some children may be able to meet standards beyond the targets listed at the grade level. We also know that some students will need more time to meet the expectations.

Standards Scored on the Report Card:

Earth Science: Universe

- Understand how the rotation of the earth on its axis causes day and night
Understand that a year is determined by the revolution of the earth around the sun
Understand that the tilt of the earth on its axis causes seasons
- Understand the progression of the phases of the moon through a monthly cycle and that the rotation and revolution times are equal.
Understand that the phases of the moon are caused by the position of the earth, sun and moon
- Understands how the earth, moon, and sun align to cause lunar and solar eclipses
- Understands how the interaction between the earth, moon, and sun creates tides

Earth & Space: Atmosphere & Weather

- Understand the role the sun plays in the rate of evaporation

Earth & Space: Comp. & Structure of Earth

- Understand how wind, ice, waves, and water break down materials over time
- Understand how erosion and sedimentation (deposition), cause surface changes
- Knows the three different types of rock (sedimentary, metamorphic, and igneous). Knows the terms: geology and fossils
- Knows the components of the rock cycle (heat, pressure, sedimentation, recrystallization)