

# Earth Science 1<sup>st</sup> Nine Weeks Expectations

## 6<sup>th</sup> Grade Science

### 2023-2024

#### **Students should be able to...**

Obtain, evaluate, and communicate information to recognize the significant role of water in Earth processes.

- Ask questions to determine where water is located on Earth's surface (oceans, rivers, lakes, swamps, groundwater, aquifers, and ice) and communicate the relative proportion of water at each location.
- Plan and carry out an investigation to illustrate the role of the sun's energy in atmospheric conditions that lead to the cycling of water. (Clarification statement: The water cycle should include evaporation, condensation, precipitation, transpiration, infiltration, groundwater, and runoff.)
- Ask questions to identify and communicate, using graphs and maps, the composition, location, and subsurface topography of the world's oceans.
- Analyze and interpret data to create graphic representations of the causes and effects of waves, currents, and tides in Earth's systems.