AMHERST PUBLIC AND PELHAM ELEMENTARY SCHOOLS – CURRICULUM OVERVIEW

SUBJECT: SCIENCE
GRADE: 6

Units	**Enduring Understandings**	**Skills**
EARTH IN THE SOLAR SYSTEM EARTH STRUCTURE AND HISTORY	The moon goes through a cycle of phases. Relative positions of the earth, moon and sun cause lunar and solar eclipses. The tilt of the earth and its revolution around the sun cause the earth's seasons. The earth is made up of layers. The outer portion of the earth is composed of tectonic plates. The earth's surface is constantly changing due to natural processes. We interpret evidence in the rocks to understand the geologic history of earth.	Demonstrate awareness of safety and of appropriate behavior. Work in cooperative teams. Use materials to model and understand abstract concepts. Use accurate scientific information to refute common misconceptions. Use sketches, labeled diagrams, and numeric data to record thoughts and observations. Organize data on graphs and charts. Analyze data, draw conclusions and explain results in written form. Recognize the need to support conclusions with scientific evidence. Understand and utilize the scientific method to generate data, including testable questions, hypotheses, and controlled, manipulated and responding variables.