CORE SCIENCE MODULE DESCRIPTIONS FOR GRADE 1

**Organisms (STC*)**
Using the natural curiosity that young children have about plants and animals, this module has students create and maintain an aquarium and a terrarium; making first-hand observations of plants and animals allows students to develop an understanding and sensitivity for living things.

**Pebbles, Sand and Silt (FOSS**)**
The “Pebbles, Sand, and Silt Module” consists of four sequential investigations, each designed to introduce concepts in earth science. The investigations provide experiences that heighten students' awareness of rocks as earth materials and natural resources. They will come to know rocks by many names and in a variety of sizes. Pebbles and sand are the same material—just different sizes.

**Rocks (MPS)**
The “Rocks” unit provides experiences that gives students the opportunity to observe, compare and describe the properties of rocks and mineral samples. The samples have been selected to illustrate properties of luster, size, color, texture and weight.

**1st Grade Electricity & Magnetism (MPS)**
This module provides beginning experiences for young children with objects that make up simple electric circuits. It shows that electricity is important in our daily lives and that through technology, we use electricity to make things move, to produce sound, heat, cold, light and to transmit information.

**STC was developed with support from an NSF grant, the National Science Resources Center (NSRC), a division of the Smithsonian Institution. The STC Program is an inquiry-based science curriculum for grades K-10 that covers life, earth, and physical sciences with technology.**

**FOSS is a research-based science curriculum for grades K-8 developed at the Lawrence Hall of Science, University of California at Berkeley. FOSS is also an ongoing research project dedicated to improving the learning and teaching of science.**