

Math Science and Beyond Kits

Kindergarten

Splish! Splash!- *Water has properties which allow it to interact with gases, solids & other liquids.* Topic-Properties of Water Theme- Matter Earth Science

Look, Listen, Touch-*We use our senses to observe the properties and interactions of matter.* Topic- Senses Theme-Matter Physical Science

Crawlers, Hoppers and Fliers-*Living things have observable structures that help organisms live and interact with the environment.* Topic -Insects and other small creatures Theme- Structures and Interactions Life Science

First Grade

Huff n Puff- *The earth is surrounded by a blanket of air that moves, contains moisture and can be warmed or cooled.* Topic- Properties of Air Theme-Patterns that change Earth Science

Drops, Bubbles, and Balance- *Matter has different properties, comes in different states and can change states.* Topic-Solids, liquids and gases Theme- Matter Physical Science

Seeds and Sprouts-*Seeds have observable structures that help create, nourish and protect developing new life.* Topic-seeds Theme- Structure Life Science

Second Grade

Nitty, Gritty, Dirt and Fossils-*The earth is very old and constantly changing.* Topic-Properties of Dirt and Fossils Theme-Patterns of Change Earth Science

Power Connection-*Magnetism and electricity have basic properties, which allow them to interact with each other.* Topic-Magnetism/Electricity Theme-Systems and Interactions Physical Science

Eggs! Eggs! Eggs!- *Eggs have observable structures that help create, nourish and protect developing new life.* Topic- Eggs Theme- Structure Life Science

Third Grade

Boulder Boulders! *Rocks vary in hardness, crystal form, color and other properties. Their chemical makeup is different and they form under different conditions within the earth.* Topic-Rocks and Minerals Theme- Scale and Structure Earth Science

Build and Balance-*The supporting power of a structure is dependent upon the design of the frame and materials used.* Topic-Structure Theme-Scale and Structure Physical Science

Wiggly, Squiggly-*Invertebrates such as worms and even larvae sense their environment and make choices. These choices are usually predictable and are probably inborn.* Topic-Earthworms and Mealworms Theme-Structures and Interactions Life Science

Fourth Grade

Some Like it Cold-Global weather is the random, continuous change in our atmosphere brought about by the heating and cooling of air, water and land masses.
Topic-Weather Theme-Systems and Interactions Earth Science

Let the Force Be With You-Machines are devices for increasing or decreasing or changing the directions of forces. Topic- Simple Machines Themes- Systems and Interactions Physical Science

Newfangled Creature-Organism have adaptations for coping with their environments and surviving to reproduce. Topic-Animal Adaptations Theme-Systems and Interactions Life Science

Fifth Grade

Galactic Odyssey-Astronomical systems are bound by gravitation, made up of the same kinds of matter and obey the same laws of nature. Topic- Astronomy and Space Theme-Systems and Interactions Physical Science

Come Fly With Me-If the forces acting on an object do not cancel out, they cause a change in the motion of the object. Topic- Aerodynamics Theme- Systems and Interactions Physical Science

Eye Spy-The outside world enters our minds through the mechanics of the eye. The eye receives two-dimensional images that the mind processes to perceive as three-dimensional objects having depth and color. Topic- The Eye and Vision Theme- Structures and Systems Life Science

Sixth Grade

A Delicate Balance-The rise in average temperatures globally over the past decades may be due to human activities that increase quantities of greenhouse gasses in the atmosphere; water vapor, carbon dioxide, methane... Topic-The Environment Theme-Systems and Interactions Earth Science

More than Magic-Reactions and interactions indicate properties of matter. Topic-Chemistry Theme -Solutions and Reactions Physical Science

What's Cookin?-Reactions and interactions indicates properties of foods. Topic- Nutrition and Nutrition Testing Theme- Reactions and Interactions Life Science

Grades 3-6 After School Math Club

Mathletes-Practice activities in Math for grades three through six.