



Funtivities:

Hands on Math and Science

Provided by:
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Information	Program Description
Level 1: 3rd through 6th grades Level 2: 6th through 9th grades	Funtivities is designed to stimulate youth interest in science and math through hands-on activities. The activities will provide experiential learning related to energy and matter. There are two guide books, with the materials to carry out the activities in both guidelines located with in the teaching kit.
Curriculum Format	Teaching Guide with complete instructions is provided. Teaching Kit with materials needed to present lessons is provided. User may need to provide standard classroom supplies (pencils, scissors, glue). If a lesson requires perishable items (e.g. milk), user is responsible for these purchases.

Level One: Lessons	Overview
Electricity	Activities allow exploration of static electricity, batteries as a source of energy, and how circuits have conductors and insulators.
Magnets	Activities allow exploration of magnetic objects, strength of magnetism, and how electricity and magnetism work together.
Air Pressure	Activities allow exploration of how air has weight, compressed air can do work, Bernoulli's Principle, and surface tension.
Math	Activities allow exploration of estimation, using math to solve problems, spatial relationships and logical thinking.

Level Two: Lessons	Overview
Energy and Matter	Activities allow exploration of parallel electrical circuits, magnetic fields, acids and bases, physical properties of common powders, speed and distance on inclined planes, properties of lubricants, density, and surface tension.
Math	Activities allow exploration of gathering and analyzing data, making predictions based on probability, and spatial relationships.

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