



## Outreach

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### Rates



1-hour classes - \$75\* 1<sup>st</sup> class\*\*

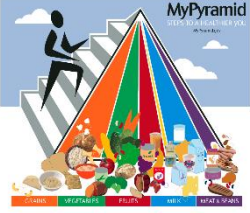

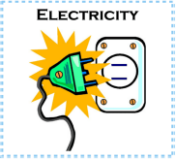

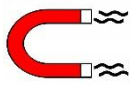

\$50 each repeated class on the same day

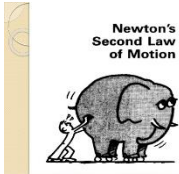
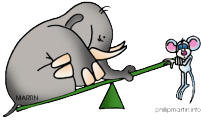
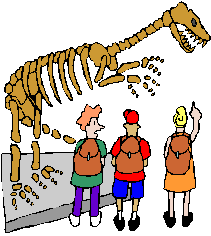
2-hour classes - \$110\* per class (no price breaks for additional classes)





- \*Additional charges apply for distances over 100 miles round trip (\$10 for each additional ten miles)
- \*\* A minimum of two hours should be scheduled per visit.
- \*\*\* Time between classes should not exceed 45 minutes; for each 45 minute gap, an additional \$20 will be charged for each gap.

Maximum group size is 30 participants.

Program Name	Description	Available Lengths		Grades		
		1 hr.	2 hrs.	K-2	3-5	6-8
<b>BIOLOGY</b>						
<b>My Body and Me</b> 	Students will learn about the different body systems and how to take care of them. Hands-on activities include a life-sized intestine, X-Ray photos, listening to body sounds using a stethoscope, and an anatomy puzzle.	X	X	X	X	X
<b>Our Microscopic World</b>	Students will learn about bacterial and animal cells, their parts and functions, and cellular reproduction. Hands-on activities include observation of freshwater organisms through microscopes. 		X		X	X

		1 hr.	2 hrs.	K- 2	3- 5	6- 8
<b>You Are What You Eat</b> 	Students will learn about the digestive system with a 26-foot long intestine! The food and Exercise Pyramid, vitamins and minerals, and fat and sugar content in foods will be discussed. Students will make their own choices with artificial foods.	X	X	X	X	X
<b>CHEMISTRY</b>						
<b>Chemistry: It's Elemental</b> 	Through hands-on modeling techniques, students will learn about matter, atoms, elements, mixtures, and compounds.	X	X		X	X
<b>ENERGY</b>						
<b>Electricity</b> 	Students will learn about static and direct current electricity. Hands-on activities include making simple circuits, series and parallel circuits, and learning what substances are insulators and conductors.	X	X		X	X
<b>Light</b>	Students will explore reflections, magnification, refraction, reflection, shadows, and how light travels. 	X			X	X
<b>Magnetism</b>	This class gives students hands-on experience with magnets to learn about attraction and repulsion, magnetic verses non-magnetic materials, and how magnets are used in everyday life. 	X		X	X	
<b>Sound</b> 	Through hands-on activities, students will investigate vibrations, pitch, volume, and how sound waves travel.	X			X	X

		1 hr.	2 hrs.	K- 2	2- 5	6- 8
<b>FORCES AND MACHINES</b>						
<b>Forces and Motion</b>	 <p>Hands-on activities make Newton's three Laws of Motion come to life! Students will learn about different forms of energy, friction, balance, and their application to everyday life.</p>	X	X		X	X
<b>Simple Machines</b>	 <p>This presentation provides hands-on experimentation with inclined planes, levers, wheels, springs, and compound machines</p>		X		X	X
<b>GEOLOGY</b>						
<b>Fun with Fossils</b>	 <p>Students will learn about the formation of fossils and their place in historical geology. Numerous fossil specimens will be displayed for observation. The 2-hour program includes fossil gravel sifting, students will hunt for fossilized shark teeth, sea shells, coral, and other fossils to take home.</p>	X	X		X	X
<b>Geology Rocks</b>	<p>Students will learn about the layers of the earth, their composition, depth, temperatures, and their relation to minerals. Activities include testing 9 kinds of minerals and observing 15 kinds of rocks</p>		X		X	X

		1 hr.	2 hrs.	K- 2	3- 5	6- 8
<b>PLANTS AND ANIMALS</b>						
<b>Butterfly Bonanza</b> 	Students will learn about butterfly anatomy, life cycle, habitats, and monarch migration. During spring, summer, and early fall, students may go outside to catch butterflies and other insects.	X		X	X	X
<b>Insects: Friend or Foe</b> 	This program features an introduction to the common order of insects, their physical characteristics, and incredible adaptability. Field activities involve collecting insects for identification and observation.	X		X	X	
<b>Skins and Skulls</b>	Students will compare animal skulls. In addition to creating a food web, they will be exploring different types of consumers, including herbivores, carnivores, omnivores, and insectivores	X	X		X	X
<b>SPACE AND WEATHER</b>						
<b>Spaced Out!</b> 	Students will discover how the earth, sun, and moon cause day and night, years, tides, and eclipses. They will be astonished by the relative sizes and distances of our planets!	X	X		X	X
<b>What Weather!</b> 	Students will study cloud types, temperature, air pressure, wind speed, and direction, rainfall, humidity, and the meaning of highs, lows, and fronts. The two-hour program includes hurricane tracking.	X	X		X	X