1st Grade Science Grade Level Indicators

Programs	Earth & Space Science	Life Science					Science & Technology				Physical Sciences					Scientific Inquiry				
	Processes that Shape the Earth	Characteristics & Structures of Life			Diversity & Interdependence of Life		Understanding Technology			Abilities to do Design	Nature of Matter				Nature of Energy	Doing Scientific Inquiry				
	3. Explain that all organisms cause changes in the environment where they live; the changes can be very noticeable or slightly noticeable, fast or slow.	1. Explore that organisms, including people, have basic needs which include air, water, food, living space and shelter.	2. Explain that food comes from sources other than the grocery store.	3. Explore that humans and other animals have body parts that help to seek, find and take in food when they are hungry.	4. Investigate that animals eat plants and/or other animals for food and may also use plants or other animals for shelter or nesting.	5. Recognize that seasonal changes can influence the health, survival or activities of organisms.	1. Explore that some kinds of materials are better suited than others for making something new.	2. Explain that when trying to build something or get something to work better, it helps to follow directions and ask someone who has done it before.	3. Identify some materials that can be saved for community recycling projects.	7. Explore that several steps are usually needed to make things.	1. Classify objects according to the materials they are made of and their physical properties.	2. Investigate that water can change from liquid to solid or solid to liquid.	3. Explore and observe that things can be done to materials to changes their properties.	4. Explore changes that greatly change the properties of an object.	8. Recognize that the sun is an energy source that warms the land, air, and water.	1. Ask "what happens when" questions.	2. Explore and pursue student generated "what happens when" questions.	4. Work in a small group to complete an investigation and then share the findings with others.	5. Create individual conclusions about group findings.	9. Describe things as accurately as possible and compare with the observations of others.
Benthic Bugs and Bioassessment																				
Enviroscape																				
Freddie the Fish	X	X	X		X														X	X
Ground Water																				
Incredible Journey												X	X	X	X	X	X		X	X
Soil Sleuths																				
Streamulator																				
Stream Quality Monitoring																				
Web of Life	X	X	X	X	X	X										X	X	X		X