

	LMP/Children's Schoolhouse Nature Park									
Programs	A Big Splash	Picky Eaters Sticky Seeds	Bark Dwellers	Incredible Bugs	Fall Seasonal Discoveries	Winter Seasonal Discoveries	Spring Seasonal Discoveries	Wild In Ohio	For The Birds	Sun, Moon and Stars
GRADE 2										
Earth										
1. Recognize that there are more stars in the sky than anyone can easily count.										X
2. Observe and describe how the Sun, Moon and stars all appear to move slowly across the sky.										X
3. Observe and describe how the Moon appears a little different every day but looks nearly the same again about every four weeks										X
4. Observe and describe that some weather changes occur throughout the day and some changes occur in a repeating seasonal pattern.					X	X	X			
5. Describe weather by measurable quantities such as temperature and precipitation.						X				
Life										
1. Explain that animals, including people, need air, water, food, living space and shelter, and plants need air, water, nutrients (e.g., minerals), living space and light to survive.	X							X	X	
2. Identify that there are many distinct environments that support different kinds of organisms.	X	X						X		

3. Explain why organisms can survive only in environments that meet their needs (e.g., organisms that once lived on earth have disappeared for different reasons such as natural forces or human-caused effects).		X								X				
4. Compare similarities and differences among individuals of the same kind of plants and animals, including people.			X											
5. Explain that food is a basic need of plants and animals (e.g., plants need sunlight to make food and to grow, animals eat plants and/or other animals for food, food chain) and is important because it is a source of energy (e.g., energy used to play, ride bicycles, read, etc.).						X				X				
6. Investigate the different structures of plants and animals that help them live in different environments (e.g., lungs, gills, leaves and roots).		X								X				
7. Compare the habitats of many different kinds of Ohio plants and animals and some of the ways animals depend on plants and each other.							X			X				
8. Compare the activities of Ohio's common animals (e.g., squirrels, chipmunks, deer, butterflies, bees, ants, bats and frogs) during the different seasons by describing changes in their behaviors and body covering.				X			X	X	X	X				
9. Compare Ohio plants during the different seasons by describing changes in their appearance.				X	X		X		X					
Physical														

1. Explore how things make sound (e.g., rubber bands, tuning fork, strings).										
2. Explore and describe sounds (e.g., high, low, soft, loud) produced by vibrating objects.										
3. Explore with flashlights and shadows that light travels in a straight line until it strikes an object.										
Science and Technology										
1. Explain that developing and using technology involves benefits and risks.										
2. Investigate why people make new products or invent new ways to meet their individual wants and needs.										
3. Predict how building or trying something new might affect other people and the environment.										
4. Communicate orally, pictorially, or written the design process used to make something.										
Scientific Inquiry										
1. Ask "how can I/we" questions.										
2. Ask "how do you know" questions (not "why" questions) in appropriate situations and attempt to give reasonable answers when others ask questions.			X							
3. Explore and pursue student-generated "how" questions.			X							
4. Use appropriate safety procedures when completing scientific investigations.				X						

