

Institution	LMP/Children's Schoolhouse Nature Park											
Programs	Cleveland Rocks	Winter Seasonal Discoveries	Spring Seasonal Discoveries	Fall Seasonal Discoveries	Orbit Odyssey	Lewis and Clark Exploring	Cleveland Soils	Colors of Winter	Alien Invaders	Don't Myth Out	D.S.I.	Weatherwise Weatherwatchers
GRADE 5												
Life												
1. Describe the role of producers in the transfer of energy entering ecosystems as sunlight to chemical energy through photosynthesis.									X			
2. Explain how almost all kinds of animal's food can be traced back to plants.							X		X			
3. Trace the organization of simple food chains and food webs (e.g., producers, herbivores, carnivores, omnivores and decomposers).									X			
4. Summarize that organisms can survive only in ecosystems in which their needs can be met (e.g., food, water, shelter, air, carrying capacity and waste disposal). The world has different ecosystems and distinct ecosystems support the lives of different types of organisms.				X				X	X			
5. Support how an organism's patterns of behavior are related to the nature of that organism's ecosystem, including the kinds and numbers of other organisms present, the availability of food and resources, and the changing physical characteristics of the ecosystem.		X	X	X					X			

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GRADE 5												
Life												
<p>6. Analyze how all organisms, including humans, cause changes in their ecosystems and how these changes can be beneficial, neutral or detrimental (e.g., beaver ponds, earthworm burrows, grasshoppers eating all plants, people planting and cutting trees, and people introducing a new species).</p>									X		X	

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GRADE 5												
Science and Technology												
1. Investigate positive and negative impacts of human activity and technology on the environment.	X								X			
2. Revise an existing design used to solve a problem based on peer review.												
3. Explain how the solution to one problem may create other problems									X			

