


Franklin Soil and Water Environmental Education Programs correlated to Ohio's New Learning Standards for Science

Grade level	 <i>Loan Kits:</i> Content Statements	Soil Profile Panel	The Sliding Soil	Rocks and Soil Loan Kit	Dry Stream Model	EnviroScape Model	The Lorax	Murky Water Caper	Watershed Loan Kit	Ground Water Model
PreK-ESS	Develop understanding of the relationship between humans and nature, recognizing the differences between helpful and harmful actions toward the natural environment.					*	*		*	
PreK-LS	Identify and explore the relationship between living things and their environments	*			*	*	*		*	
PreK - LS	With modeling and support demonstrate an understanding that living things change over time				*				*	
K - LS	Living things have physical traits and behaviors which influence their survival				*		*		*	
1 - LS	Living things have basic needs which are met by obtaining materials from their physical environment	*			*		*		*	
1 - LS	Living things survive only in environments that meet their needs				*	*	*		*	
2 - LS	Living things cause changes on Earth	*	*			*	*		*	
3 - ESS	Some of Earth's resources are limited	*	*	*		*	*		*	
3 - ESS	Earth's non-living resources have specific properties - soil	*	*	*						
3 - LS	Plants and animals have life cycles that are part of their adaptations for survival in their natural environments				*				*	
4 - ESS	The Earth's surface changes due to erosion and deposition		*	*		*				
4 - LS	Changes in an organisms environment are sometimes beneficial to its survival and sometimes harmful		*			*	*	*		
4 - LS	Fossils can be compared to present day organisms	*		*					*	
5 - LS	Organisms perform a variety of roles in an ecosystem	*			*				*	
6 - ESS	Soil is unconsolidated material that contains nutrient matter and weathered rock	*		*						
6 - ESS	Rocks, minerals and soil have common and practical uses			*						
7-ESS	The hydrologic cycle illustrates the states of water as it moves through the lithosphere, biosphere, atmosphere		*			*			*	*
7 - LS	In any biome the number, growth and survival of organisms and populations depend on biotic and abiotic factors				*	*	*	*	*	
8- ESS	A combination of constructive and destructive geologic processes formed Earth's surface		*							
8 - LS	Fossil records provide evidence that changes have occurred in number and types of species			*						
9-12 - ER	Water, water qty - point, non-point source contamination		*		*	*	*	*	*	*
9-12 - ER	Soil and land - sediment contamination		*	Geology		*				

ESS = Earth and Space Sciences LS = Life Sciences ER = Earth's Resources (Physical Geology and Environmental Science courses)