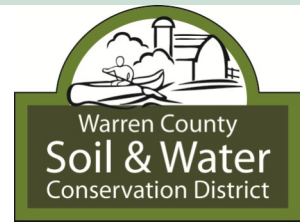


Ohio Science Standards and Model Curriculum Content Statement - Grade 7



	Earth and Space Science (ESS)	Physical Science (PS)	Life Science (LS)
Program	<ul style="list-style-type: none"> • The hydrologic cycle illustrates the changing states of water as it moves through the lithosphere, biosphere, hydrosphere, and atmosphere. • Thermal-energy transfers in the ocean and the atmosphere contribute to the formation of currents, which influence global climate patterns. • The atmosphere has different properties at different elevations and contains a mixture of gases that cycle through the lithosphere, biosphere, hydrosphere, and atmosphere. 	<ul style="list-style-type: none"> • The properties of matter are determined by the arrangement of atoms. • Energy can be transformed or transferred but is never lost. • Energy can be transferred through a variety of ways. 	<ul style="list-style-type: none"> • Matter is transferred continuously between one organism to another and between organisms and their physical environments. • In any particular biome, the number, growth, and survival of organisms and populations depend on biotic and abiotic factors.
The Hydrologic Cycle	X	X	X
Groundwater Model	X		X
Stream Field Trip			X
Macro-Invertebrate Mayhem			X