Connections to Ohio NEW State Science Standards: Seventh Grade

WOW! Zone	Avionics			Brain Power		Early Childhood				Earth & Weather						Energy		Engineering						Health & Wellness		River of Knowledge					Sound & Light			
Exhibit Module **Academic Content Standards** **Seventh Grade**	Airplane	Airplane Design	Airplane Launcher	ATM Machine	Brain Quiz	Blocks in Nest	Crackle Screen	Funhouse Mirrors	Peekaboo Window	Coal Stump	Fossils	Green Screen	Hurricane Chamber	Shake Table	Video Browser	Bug Dome	Solar Kiosk	Amazing Airways	Catenary Arch	Gear Wall	Kapla Blocks	Lego Table	Magnet Wall	My Plate	R.O.N.	Archimedes Screw	Bernoulli Fountain	Erosion Table	Stream Table	Tide Pool	Echo Tube	Laser Guitar	PVC Pipe Organ	Rhythm Machine
TOPIC: Earth and Space Sciences: Cycles and patterns of Earth and the Moon.																																	
CONTENT STATEMENT:																																	
Thermal-energy transfers in the ocean and the atmosphere contribute to the formation of currents, which influence global climate patterns.												X	X	X	X	X	X											X	X				
The atmosphere has different properties at different elevations and contains a mixture of gases that cycle through the lithosphere, biosphere, hydrosphere and atmosphere.	X											X	X																				
TOPIC: Physical Science: Conservation of Mass and Energy																																	
CONTENT STATEMENT:																																	
The properties of matter are determined by the arrangement of atoms.																																	
Energy can be transformed or transferred but is never lost.	X		X				X		X	X	X	X	X	X	X	X		X		X						X	X	X	X	X	X	X	X	X
Energy can be transferred in a variety of ways.	X		X				X	X		X	X				X	X	X	X		X	X		X	X		X	X	X	X		X	X	X	X