

Connections to Ohio State Science Standards: 11-12

Exhibit Module	Airplane	Airplane Shooter	Amazing Airways	Archimedes Screw	Bernoulli Fountain	Blue Screen	Brain Quiz	Catenary Arch	Crackle Screen	Echo Tube	Erosion Table	Gear Wall	Hurricane Chamber	Kapla Blocks	Laser Guitar	Lego Table	Magnet Wall	Peakaboo Window	PVC Pipe Organ	Rhythm machine	Stream Table	Video Browser	Water Table/Tide Pool	
Academic Content Standards Benchmarks 11-12																								
Earth and Space Sciences																								
Explain how technology can be used to gather evidence and increase our understanding of the universe.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Describe how Earth is made up of a series of interconnected systems and how a change in one system affects other systems.																								
Explain that humans are an integral part of the Earth's system and the choices humans make today impact natural systems in the future.																								
Life Sciences																								
Explain how human choices today will affect the quality and quantity of life on Earth.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Discover that many objects are made of parts that have different characteristics.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
Physical Sciences																								
Explain how variations in the arrangement and motion of atoms and molecules form the basis of a variety of biological, chemical and physical phenomena.			X		X																			
Science and Technology																								
Predict how human choices today will determine the quality and quantity of life on Earth.	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Exhibit Module				
Academic Content Standards Benchmarks 11-12				
Scientific Inquiry				
Make appropriate choices when designing and participating in scientific investigations by using cognitive and manipulative skills when collecting data and formulating conclusions from the data.		X		X
Scientific Ways of Knowing				
Explain how scientific evidence is used to develop and revise scientific predictions, ideas or theories.		X		X
Airplane		X		X
Airplane Shooter		X		X
Amazing Airways		X		X
Archimedes Screw		X		X
Bernoulli Fountain		X		X
Blue Screen		X		X
Brain Quiz		X		X
Catenary Arch		X		X
Crackle Screen		X		X
Echo Tube		X		X
Erosion Table		X		X
Gear Wall		X		X
Hurricane Chamber		X		X
Kapla Blocks		X		X
Laser Guitar		X		X
Lego Table		X		X
Magnet Wall		X		X
Peakaboo Window		X		X
PVC Pipe Organ		X		X
Rhythm machine		X		X
Steam Table		X		X
Video Browser		X		X
Water Table/Tide Pool		X		X