Structures 5, 6, 7, 8	NS: 1.5.1 Make accurate observations 1.5.5 Communicate results and conclusions from scientific inquiry 1.5.9 Define and give examples of hypotheses PS: 5.5.3 Identify common examples of physical properties: length, mass, area, perimeter, texture, odor, color, elasticity
Mirror Hall 9, 10, 11, 12, 13, 14,15, 16, 17, 18, 19, 20, 21, 22, 23	NS: 1.5.1 Make accurate observations 1.5.5 Communicate results and conclusions from scientific inquiry 1.5.9 Define and give examples of hypotheses PS: 5.5.3 Identify common examples of physical properties: length, mass, area, perimeter, texture, odor, color, elasticity 7.5.1 Summarize how light can interact with matter through absorption, refraction, and reflection 7.5.2 Investigate how light travels and interacts with an object or material 7.5.3 Conduct investigations demonstrating how an object can be seen 7.5.5 Investigate physical interactions of light and matter and the effect on color perception: refraction, absorption, transmission, scattering ESS: 10.5.5 Compare the human body's mass to weight on Earth, the moon, and other planets in our solar system
Energy Island 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 37	NS: 1.5.1 Make accurate observations 1.5.5 Communicate results and conclusions from scientific inquiry 1.5.9 Define and give examples of hypotheses PS: 5.5.3 Identify common examples of physical properties: length, mass, area, perimeter, texture, odor, color, elasticity 6.5.4 Compare and contrast potential energy and kinetic energy as applied to motion 6.5.5 Classify real world examples as potential energy or kinetic energy as applied to motion 6.5.6 Conduct investigations using potential energy and kinetic energy 7.5.1 Summarize how light can interact with matter through absorption, refraction, and reflection 7.5.2 Investigate how light travels and interacts with an object or material 7.5.5 Investigate physical interactions of light and matter and the effect on color perception: refraction, absorption, transmission, scattering

Key: NS.1.5.1 = Nature of Science. Standard 1. 5th grade. 1st Student Learning Expectation. LS= Life Science. PS=Physical Science. ESS=Earth and Space Science

Earth Science/Weather 3, 46, 47, 48, 49, 50, 52, 53, 54, 55, 56	NS: 1.5.1 Make accurate observations 1.5.5 Communicate results and conclusions from scientific inquiry 1.5.9 Define and give examples of hypotheses LS: 4.5.13 Construct, compare, and contrast environments in open and closed aquaria PS: 5.5.3 Identify common examples of physical properties: length, mass, area, perimeter, texture, odor, color, elasticity ESS: 8.5.6 Identify minerals found in Arkansas: bauxite, diamonds, quartz, galena– See the Rock Crystal exhibit 9.5.2 Analyze fossil record evidence about plants and animals that lived long ago
Matter Island 4, 24, 38, 39, 40, 41, 42, 43, 44, 45	NS: 1.5.1 Make accurate observations 1.5.5 Communicate results and conclusions from scientific inquiry 1.5.9 Define and give examples of hypotheses PS: 5.5.2 Conduct scientific investigations on physical properties of objects 5.5.3 Identify common examples of physical properties: length, mass, area, perimeter, texture, odor, color, elasticity 5.5.4 State characteristics of physical changes 5.5.5 Identify characteristics and common examples of physical changes 5.5.6 Explain how heat influences the states of matter of a substance: solid, liquid, gas, plasma
Virtual Reality Simulator Ride 2	NS: 1.5.1 Make accurate observations 1.5.5 Communicate results and conclusions from scientific inquiry 1.5.9 Define and give examples of hypotheses

Key: NS.1.5.1 = Nature of Science. Standard 1. 5th grade. 1st Student Learning Expectation. LS= Life Science. PS=Physical Science. ESS=Earth and Space Science

Exhibit Area and Numbers	5th grade Framework Correlation
Tesla Coil/Van de Graaff Demonstration 58, 59	NS: 1.5.1 Make accurate observations 1.5.5 Communicate results and conclusions from scientific inquiry 1.5.9 Define and give examples of hypotheses
Rowland Emmett's Chitty-Chitty Bang-Bang exhibits 1	NS: 1.5.1 Make accurate observations 1.5.5 Communicate results and conclusions from scientific inquiry 1.5.9 Define and give examples of hypotheses
Nature Trail	NS: 1.5.1 Make accurate observations 1.5.5 Communicate results and conclusions from scientific inquiry 1.5.9 Define and give examples of hypotheses LS: 4.5.3 Design food webs in specific habitats to show the flow of energy within communities: terrestrial and aquatic 4.5.13 Construct, compare, and contrast environments in open and closed aquaria PS: 5.5.3 Identify common examples of physical properties: length, mass, area, perimeter, texture, odor, color, elasticity
Underground Arkansas Cave 25	NS: 1.5.1 Make accurate observations 1.5.5 Communicate results and conclusions from scientific inquiry PS: 5.5.3 Identify common examples of physical properties: length, mass, area, perimeter, texture, odor, color, elasticity

Key: NS.1.5.1 = Nature of Science. Standard 1. 5th grade. 1st Student Learning Expectation. LS= Life Science. PS=Physical Science. ESS=Earth and Space Science