

Structures

5, 6, 7, 8

NS:1.2.1 Communicate observations orally, in writing, and in graphic organizers: T-charts
Pictographs, Venn diagrams, bar graphs

1.2.2 Develop questions that guide scientific inquiry

1.2.5 Collect measurable empirical evidence in teams and as individuals

1.2.6 Make predictions in teams and as individuals based upon empirical evidence

PS: 5.2.1 Classify objects based on two or more properties

6.2.1 Investigate the relationship between force and motion

Mirror Hall9, 10, 11, 12, 13, 14, 15, 16,
17, 18, 19, 20, 21, 22, 23

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5.2.2 Investigate the effect of physical phenomena on various materials (e.g., heat absorption by different colored materials)

**Underground Arkansas
Cave**

25

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Energy Island26, 27, 28, 29, 30, 31, 32,
33, 34, 35, 37

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6.2.1 Investigate the relationship between force and motion

7.2.1 Classify materials as transparent, translucent, or opaque (e.g., plastic wrap, wax paper, and aluminum foil)

7.2.3 Demonstrate methods of using electricity to produce light, heat, and sound

Key: NS.1.2.1 = Nature of Science. Standard 1. 2nd grade. 1st Student Learning Expectation. LS= Life Science. PS=Physical Science. ESS=Earth and Space Science

Virtual Reality Simulator Ride
2

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Earth Science/Weather
3, 46, 47, 48, 49, 50, 52, 53,
54, 55, 56

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LS: 2.2.1 Classify animals into major groups according to their structure: mammals, birds, fish
4.2.1 Compare and contrast living and extinct species

PS: 5.2.1 Classify objects based on two or more properties
5.2.2 Investigate the effect of physical phenomena on various materials (e.g., heat absorption by different colored materials)

ESS: 8.2.4 Identify products derived from natural resources

Matter Island
4, 24, 38, 39, 40, 41, 42, 43,
44, 45

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**Rowland Emmett's
Chitty-Chitty Bang-Bang
exhibits**
1

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PS: 5.2.1 Classify objects based on two or more properties

Cretaceous Park

LS.4.2.1 Compare and contrast living and extinct species

Nature Trail

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LS: 2.2.1 Classify animals into major groups according to their structure: mammals, birds, fish
2.2.4 Compare different types of flowering plants and conifers

PS: 5.2.1 Classify objects based on two or more properties

**Tesla Coil/Van de Graaff
Demonstration**
58, 59

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