



Exhibit Alignment with SC Science Standards – 2nd Grade

Scientific Inquiry

Standard 2-1: The student will demonstrate an understanding of scientific inquiry, including the processes, skills, and mathematical thinking necessary to conduct a simple scientific investigation

2-1.1 – Carry out simple scientific investigations to answer questions about familiar objects and events

- WonderWorks Applicable Exhibits: Are you a risk taker?, What are the odds?, How cold is it?, Virtual Sports, How high can you jump?, Coin Orbiter, Space Weight, Xtreme 360

2-1.2 – Use tools (including thermometers, rain gauges, balances and measuring cups) safely, accurately, and appropriately when gathering specific data in US customary (English) and metric units of measurement

- WonderWorks Applicable Exhibits: Pulley Power, Coin Orbiter, How cold is it?, Scan Me, How high can you jump?, Space Weight

2-1.3 – Represent and communicate simple data and explanations through drawings, tables, pictographs, bar graphs, and oral and written language

- WonderWorks Applicable Exhibits: MindBall, Are you a risk taker?, Scan Me, Virtual Sports, How high can you jump?, Coin Orbiter, Space Weight, Memory Sequencer

2 – 1.4 – Infer explanations regarding scientific observations and experiences

- WonderWorks Applicable Exhibits: MindBall, Pulley Power, Are you a risk taker?, Safe Crackers, One In a Million, Anti-Gravity Chamber, Natural Disasters, How cold is it?, Space Update, Cosmic Discovery, Space Info Center, Earth Tic-Tac-Toe

2 – 1.5 – Use appropriate safety procedures when conducting investigations

- WonderWorks Applicable Exhibits: Hurricane Wind Shack, Tesla Coil, Virtual Sports, Bed of Nails, Xtreme 360, Ropes Challenge Course

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Animals

Standard 2-2: The student will demonstrate an understanding of the needs and characteristics of animals as they interact in their own distinct environments (Life Science)

2 – 2.3– Explain how distinct environments throughout the world support the life of different types of animals

- WonderWorks Applicable Exhibits: Earth Tic-Tac-Toe

Weather

Standard 2-3: The student will demonstrate an understanding of daily and seasonal weather conditions (Earth Science)

2 – 3.1 – Explain the effects of moving air as it interacts with objects

- WonderWorks Applicable Exhibits: Natural Disasters, Hurricane Wind Shack

2 – 3.2 – Recall weather terminology (including temperature, wind direction, wind speed, and precipitation as rain, snow, sleet, and hail)

- WonderWorks Applicable Exhibits: Anti-Gravity Chamber, Natural Disasters, Hurricane Wind Shack, How cold is it?, Tesla Coil, Earth Tic-Tac-Toe

2 – 3.3 – Illustrate the weather conditions of different seasons

- WonderWorks Applicable Exhibits: Natural Disasters, Hurricane Wind Shack, Tesla Coil, How cold is it?



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2 – 3.4 – Carry out procedures to measure and record daily weather conditions (including temperature, precipitation amounts, wind speed as measured on the Beaufort scale, and wind direction as measured with a windsock or wind vane)

- WonderWorks Applicable Exhibits: Hurricane Wind Shack, How cold is it?, Tesla Coil, Earth Tic-Tac-Toe

2 – 3.5 – Use pictorial weather symbols to record observable sky conditions

- WonderWorks Applicable Exhibits: Natural Disasters, Space Trivia, Earth Tic-Tac-Toe

2 – 3.6 – Identify safety precautions that one should take during severe weather conditions

- WonderWorks Applicable Exhibits: Natural Disasters, Hurricane Wind Shack, How cold is it?

Properties and Changes in Matter

Standard 1-4: The student will demonstrate an understanding of the properties of matter and the changes that matter undergoes (Physical Science)

2 – 4.1 – Recall the properties of solids and liquids

- WonderWorks Applicable Exhibits: Anti-Gravity Chamber, Bubble Lab, Robotic Arms

2 – 4.2 – Exemplify matter that changes from a solid to a liquid and from a liquid to a solid

- WonderWorks Applicable Exhibits: Anti-Gravity Chamber, How cold is it?, Bubble Lab

2 – 4.3 – Explain how matter can be changed in ways such as heating or cooling, cutting or tearing, bending or stretching

- WonderWorks Applicable Exhibits: How cold is it?, Bubble Lab

2 – 4.4 - Recognize that different materials can be mixed together and then separated again

- WonderWorks Applicable Exhibits: Bubble Lab

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