



Exhibit Alignment with SC Science Standards – 1st Grade

Scientific Inquiry

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

1-1.1 – Compare, classify, and sequence objects by number, shape, texture, size, color, and motion, using standard English units of measurement where appropriate

- WonderWorks Applicable Exhibits: Scan Me, Virtual Sports, How high can you jump?, Cosmic Discovery

1-1.2 – Use tools (including rulers) safely, accurately, and appropriately when gathering specific data

- WonderWorks Applicable Exhibits: Pulley Power, Coin Orbiter

1-1.3 – Carry out simple scientific investigations when given clear directions

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

1-1.4 – Use appropriate safety procedures when conducting investigations

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

Plants

Standard 1-2: The student will demonstrate an understanding of the special characteristics and needs of plants that allow them to survive in their own distinct environments (Life Science)

1 – 2.5– Explain how distinct environments throughout the world support the life of different types of plants

- WonderWorks Applicable Exhibits: Earth Tic-Tac-Toe

www.wonderworksonline.com



Exhibit Alignment with SC Science Standards – 1st Grade

Sun and Moon

Standard 1-3: The student will demonstrate an understanding of the features of the sky and the patterns of the Sun and the Moon (Earth Science)

1 – 3.1 – Compare the features of the day and night sky

- WonderWorks Applicable Exhibits: Space Update, Cosmic Discovery, Space Info Center

1 – 3.2 – Recall that the Sun is a source of heat and light for Earth

- WonderWorks Applicable Exhibits: Space Update, Cosmic Discovery, Space Info Center

1 – 3.3 – Recognize that the Sun and the Moon appear to rise and set

- WonderWorks Applicable Exhibits: Space Update, Cosmic Discovery, Space Info Center, Earth Tic-Tac-Toe

1 – 3.4 – Illustrate changes in the Moon’s appearance (including patterns over time)

- WonderWorks Applicable Exhibits: Space Update, Cosmic Discovery, Earth Tic-Tac-Toe

Earth Materials

Standard 1-4: The student will demonstrate an understanding of the properties of Earth materials (Earth Science)

1 – 4.1 – Recognize the composition of Earth (including rocks, sand, soil, and water)

- WonderWorks Applicable Exhibits: Earth Tic-Tac-Toe

1 – 4.4 – Recognize the observable properties of water (including the fact that it takes the shape of its container, flows downhill, and feels wet)

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

www.wonderworksonline.com



Exhibit Alignment with SC Science Standards – 1st Grade

1 – 4.5 – Illustrate the locations of water on Earth by using drawings, maps, or models

- WonderWorks Applicable Exhibits: Natural Disasters, Space Update, Space Info Center, Earth Tic-Tac-Toe

Exploring Motion

Standard 1-5: The student will demonstrate an understanding of the positions and motions of objects (Physical Science)

1 – 5.1 – Identify the location of an object relative to another object

- WonderWorks Applicable Exhibits: Space Update, Cosmic Discovery, Robotic Arms

1 – 5.2 – Explain the importance of pushing and pulling to the motion of an object

- WonderWorks Applicable Exhibits: Pulley Power, Virtual Sports, Xtreme 360, Coin Orbiter, Fighter Jets, Space Shuttle Simulators, Robotic Arms, Wacky Wires, Floor Piano

1 – 5.3 – Illustrate the fact that sound is produced by vibrating objects

- WonderWorks Applicable Exhibits: Roaring Sounds, Floor Piano, Harp

1 – 5.4 – Illustrate ways in which objects can move in terms of direction and speed (including straight forward, back and forth, fast or slow, zigzag and circular)

- WonderWorks Applicable Exhibits: Inversion Tunnel, Pulley Power, Anti-Gravity Chamber, Hurricane Wind Shack, Swim with the Sharks, Hoop Fever, Xtreme 360 Bike, Kidz Pace Bike, Kidz Pace Snow Jam, Coin Orbiter, Fighter Jets, Wonder Coaster, Space Shuttle Simulators, Robotic Arms, Wacky Wires, Virtual Hockey, Alien Stomp Dome, Strike a Pose, Recollections

www.wonderworksonline.com