



Unfield Trip Resource Traveling Exhibition Schedule

The Scott Family Amazeum will bring in new exhibitions throughout the year. Below is the schedule of exhibitions and links for more information. Please note that dates are subject to change without notice.

Gear Up: The Science of Bikes

September 24th, 2021 – January 2022 **dates may change**

Take a ride through the science of bicycling! Since its inception in the late 19th century, the bicycle has affected how people live, work, and play. From schoolyards and mountain trails to bustling city streets, we encounter bicycles nearly every day. The bicycle is an elegant example of basic science principles and material science. Visitors learn how bikes work; the history/evolution of the bike; the science and technology behind the machine; and how bikes have impacted our culture. Like the bicycle itself, the exhibition has been designed to appeal to people of all ages with diverse interests.

Learning Goals:

- Designed to complement physical science and engineering lessons at all grade levels.
- Interactive components correlate to Next Generation Science Standards including:
 - Conservation of energy and energy transfer.
 - Relationship between energy and forces.
 - Define and delaminate engineering problems to develop possible solutions.
 - Structure and properties of matter.

Resources: [Exhibit Overview](#)

Math Moves

Spring 2022 exact dates TBD

Bigger/smaller, faster/slower, heavier/lighter — use your body to explore ratios in our newest math exhibit! Immerse yourself in a world of shadows, shapes, motion, and sound. Use your body as a unit of measurement by climbing into a huge chair then squeezing in a tiny one to compare your size. Grab a friend, get moving, and watch as your rates of motion are both tracked on a screen. Listen, watch, and feel what happens when you change the pitch and frequency of sounds. Ever wonder how shadows change size? Here you can grow, shrink, match, and measure while discovering connections between shapes, shadows, and sizes.

Resources: [Educator Guide](#)