

DINOSAUR MYSTERIES

1. Dinosaur fossils have been found in Antarctica. How could dinosaurs have survived in Antarctica?
2. Why are there bird skeletons in Dinosaur Mysteries?

NEWTON'S ALLEY

1. Experiment with all three of the Pulley Chairs. Why is one chair easier to lift than another?
2. Is the tug of war a fair match? Why or why not?

YOU – THE INSIDE STORY

1. Why don't the nails at the Bed of Nails poke through your skin?
2. Test your reaction time. Identify experiences or activities in life where how fast you react matters.

SCIENCE AGLOW

1. Visible light is the only part of the electromagnetic spectrum that we can see with our eyes. Some electromagnetic energy has higher frequency waves than visible light. Name two types of high frequency waves that are used in medicine.

2. What type of cells make animals see colors differently than we do?

SCIENCE & MAIN

1. Which size gear makes it easier to start spinning the bike wheel? Which size gear spins the bike wheel faster with each full turn of the gear?

2. Every sound wave is a combination of which two measurements?

What do they measure?

POWER UP

1. Experiment with the Light the Future hand crank. Which bulb was hardest to light? Why?

2. What happens to electricity after it is generated in a power plant?

