



School Group Scavenger Hunt

Upper Elementary *(these pages may be freely copied)*

DINOSAUR MYSTERIES

1. Observe the large and small dinosaurs at the entrance to Dinosaur Mysteries.
What are their names?
How are they similar?
2. Visit the back of the Dinosaur Mysteries Hall. Name two dinosaurs that have been found in Maryland.

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. Experiment with the grip strength interactive. List two ways you use your precision grip and two ways you use your power grip in daily life.



SCIENCE AGLOW

1. Are X-Rays an example of low frequency or high frequency waves?
What do we use them for?

2. The curve of a mirror changes the reflection that we see. Does a concave mirror make things look taller or shorter than the real object?

SCIENCE & MAIN

1. Which size gear makes it easier to start spinning the bike wheel?

2. A sound wave is measured by its frequency and amplitude. If a sound gets louder, does the frequency or amplitude of the wave change?

POWER UP

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

2. What does a distribution substation do to the electricity coming from a power plant?

