

Grades  
**6-8**



# ENERGY SCAVENGER HUNT

**Chaperones:** Use this Scavenger Hunt to guide your students through the exhibition areas. For many of the questions there is no one right answer, so encourage your students to think creatively and report back to you with their results. As you explore, think about using the following process skills: observation, prediction, inference, hypothesizing, planning, and investigating.



Find two exhibits that manipulate sound waves in some way and describe what you hear and how it happens.



Use the ball launcher and describe examples of potential and kinetic energy.

Identify at least four different forms of energy found in the Gadgets exhibition area.

Create a circuit on the circuit table including the light bulb. Describe how the electricity is traveling in your circuit.

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How many different forms of energy are at work in the bottle rocket?

As you walk through the Black Hole, you'll notice unusual light. What are some of the effects of this light?



Rub the handles of the Sonic Fountains. What happens? What types of energy is produced? What can you observe about waves?

Find the Sonar Stations in Ocean Habitat. Describe how acoustic and side-scan sonar work, and what each would be used for.

## COSI Connections

Think about the things you learned at COSI today. List one question that you still have about light, sound or energy that you would like to investigate when you return to the classroom.