

## 3-5 ENERGY SCAVENGER HUNT

**Chaperones:** Use this Scavenger Hunt to help your students explore the concepts of light, sound and energy at COSI. Explore the different ways that sound and light travel. Discover different kinds of energy. Encourage students to work together in small groups, and report back to you with their results. Have the students write down any questions they have to explore later in the classroom.



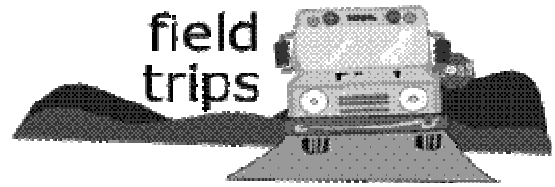
Find at least two exhibits that use sound waves and describe what happens at each.

Find the “You and Me” exhibit. Why does what you see change when you change the light?



Find the sonic fountains. How is the sound made? What does it do to the water?

Find the Sonar Stations. This is used to locate objects in the water. How do you think it works? Draw a picture or write an explanation.



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Manipulate the light on the laser table using the objects on the table.  
Describe what the different objects do to the light.

Make a circuit on the circuit table that includes a light bulb. Describe the path that the energy takes to light the bulb.

Find and list four exhibits that take electrical current and transform them into light or sound.

### **COSI Connections**

Think about all of the things you learned at COSI today. List one question that you have about light, sound or energy that you would like to investigate when you get back to school.