



Sensory Science Hunt

You will find the answers to our Science Hunt questions by exploring the galleries and interacting with the exhibits.

Note to chaperones and adults: You will need to help children read the questions and exhibit signs. Have students answer the questions orally.

Explore the possibilities!

Upper Level

- **Enter the Fun Factory. Test your skills on our assembly line. For this activity, you will be using gears. Can you think of something gears are used for?**
- **Explore road surfaces. Feel the permeable roads. How is cement now different than previous types of cement? What about the asphalt? Feel the different types of roads. How are roads intended for cars different from those meant for walking or wagons?**
- **Find the *Giant Engine*. Push the large pistons. The faster you push, the faster the fan at the end will move. Have someone stand in the back to feel the difference. Just like this fan moves faster the harder you and the engine work, a car would move faster too.**

- Listen to the heartbeat. Feel the outside of the large heart to feel the different features. Where is your heart? What do you think these different features do?
- Find the *Cell Model Drawers*. What is a cell? Feel the different features of the cell. Each organelle has a different shape, size, and job!

Upper Level

- Find the xylophone. To the left, the pipes are the longest. To the right, the pipes are the shorter. How does the sound or pitch change as you move from left to right and right to left?
- Strum a string on the *Piano Sound Board*. Can you feel any difference in the vibrations of the strings?
- Move to the *Giant Lever*. Pull the rope in different directions. Is it easier to lift if pulled in a certain direction? Why do you think this is?
- Sail a boat using only wind? Find out how wind is able to move a sailboat. Try setting the boat at different angles. Which angle makes the boat move the most? Why do you think that is?