

SCAVENGER HUNT FOR SMALL SCIENTISTS



A teacher, parent, or chaperone should read instructions to the student and check off each task as they are completed.

At the Lancaster Science Factory we always:

- Use walking feet
- Speak with our inside voices
- Take turns
- Handle the exhibits gently

1. Find the exhibit with balls stacked largest to smallest and a rod that goes all the way to the ceiling.

- Hold all of the balls high above your head and let go.
- How high did the smallest ball bounce? _____

2. Find the exhibit that looks like a wishing well.

- What is the exhibit called? _____
- What happens as the balls get lower? _____

3. Find the exhibit where you race balls on four different tracks.

- Which track is the fastest? _____
- What happens if you don't place the erasers at the bottom of each hill? _____

4. Find the exhibit that's full of nuts!

- What makes the nuts stick together? _____

5. Find the exhibit that's got lots of sand.

- Make a pattern using the pendulum.

6. Find the biggest kaleidoscope at the Science Factory.

- How many of YOU do you see? _____

7. Find an exhibit that makes you want to dance.

- How much energy can you generate when you play the energy battle? _____
Did you win? _____

8. Find an exhibit that launches something high into the air.

- Does your parachute fall slowly or quickly? _____

9. Find an exhibit that moves balls from one side to another.

- What happens when you put a ball inside? _____
- What happens to the ball if you cover the opening of the tube with your hand?

10. Find an exhibit with three different cranks.

- Can you use the RED crank to power the radio? _____
- What did you have to do to make it work? _____

BONUSQUESTION: What was your FAVORITE exhibit?
