# Foucault Pendulum Pre-Activity Survey

1. **What is a pendulum?**
2. **What causes the bob on a simple pendulum to oscillate when moved from its resting position?**

**❑ string length ❑ bob weight ❑ gravity ❑ air currents ❑ nothing**

1. **If you sit on a Ferris wheel without buckling your seat belt, what happens to you as the wheel rotates?**