

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Class: \_\_\_\_\_

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