

Foucault Pendulum Worksheet

1. *Before using the experimental setup:* What do you think the motion of an object viewed from a rotating platform will look like?

2. *Now using the experimental setup:* What do you think the motion of the pendulum bob will look like when the platform that the camera is mounted on is not rotating? Describe and illustrate your response.

3. *Now that the platform is rotating:* What do you think the motion will look like? Illustrate your response below by a graph. Also if the speed was increased, what would you observe?
