

## Simulation Directions

1. Go to Ms. Murphy's Blog and click on the PHet Gravity and Orbits simulator  
<https://phet.colorado.edu/en/simulation/gravity-and-orbits>
2. Click on the play button. Take a few minutes to explore the simulation. Talk with your table and table partners about what the simulation is representing. Write down your observations below  
  
-  
  
-  
  
-
3. Compare the motion of Earth around the Sun with the Moon around Earth. I would suggest having one student open up the Earth/Sun system on their computer and another student open up the Moon/Earth systems on a second computer and compare them side by side.

<b>Earth Around the Sun</b> Your picture	<b>Moon Around the Earth</b> Your Picture
Your Description	Your Description
What are some things that are the same about these situations (from the pictures above)?	
What are some things that are different about these motions (from the pictures above)?	