

**The Motion of the Earth**  
**8<sup>th</sup> Science / Janousek**

Name \_\_\_\_\_  
 Period **1 2 3 4 5 6 7**

For this worksheet you will draw a diagram of the Earth’s motion around the sun. In your diagram you will include, and label, the Earth at the beginning of each of the four seasons, the sun, the Earth’s orbit, the Earth’s axis at each season (with the angle), the Earth’s rotation (with what it defines), and the Earth’s revolution (with what it defines).

Below is a checklist of items you will need to include in your diagram. The diagram will be drawn **in pencil on the back of this paper in landscape format**. Plan ahead, be neat (if I can’t read it, I can’t grade it), and do not rush. If you are unsure, ask Mr. Janousek! (22 points)

Need It	Got It
the sun (labeled)	
Earth’s orbit (labeled)	
revolution with label	
definition of year	
Earth with axis at autumnal equinox (labeled)	
Earth with axis at vernal equinox (labeled)	
Earth with axis at summer solstice (labeled)	
Earth with axis at winter solstice (labeled)	
angle of axis for each season (4 total)	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
rotation with label	
definition of day	

Name \_\_\_\_\_

Period 1 2 3 4 5 6 7

(Remember: Your drawing should be in **landscape format**. Turn your paper 90° ↻ that way.)