



Earth's Motions Assignments

Name _____

Period 1 2 3 4 January, 2015

Score _____ /67 Grade _____ %

Activity #1

Directions: Complete the chart by writing each statement in the correct space.

Statements

- Earth spins on its rotation axis in a counterclockwise direction.
- One Earth day equals 24 hours.
- It takes approximately one year to orbit the Sun.
- If the gravity between Earth and the Sun somehow stopped, Earth would fly off into space in a straight line.
- Each day the Sun appears to move from east to west across the sky.
- Changes in the seasons are caused by changes in the amount of sunlight striking Earth.
- Summer and winter are opposite seasons in the northern and southern hemispheres.
- Earth moves around the Sun.
- Earth moves in a counterclockwise motion.

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Earth's Rotation	Earth's Revolution	Tilt of Earth on its Axis
•	•	•
•	•	•
•	•	•

Directions Explain the differences between each set of terms. Then explain how the terms in each set are related.

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Terms	What is the difference between the terms?	How are the terms related?
Revolution, Rotation		
Orbit, Revolution		
Rotation, Rotation Axis, Equator		
Solstice, Equinox		