

## Instructions

Answer the following questions about the Earth's movements in space. Write your answers in the spaces provided.

1.

2. Explain the difference between rotation and revolution:

3. True or False: The Earth is the only planet in our solar system that has a tilted axis. [ ]

If false, which other planets have tilted axes?

4. Diagram a simple model of the Earth orbiting the Sun. Label the Earth, Sun, and the direction of orbit.

(Draw your diagram here)

5. How does the Earth's movement affect the tides? Explain your answer:

6. One complete rotation of the Earth is approximately how many hours?

7. Why do we see different constellations during different seasons?

## Fun Challenge

If you could design a spacecraft to study the Earth's movements, what would you name it and what tools would it carry? Write your ideas below: