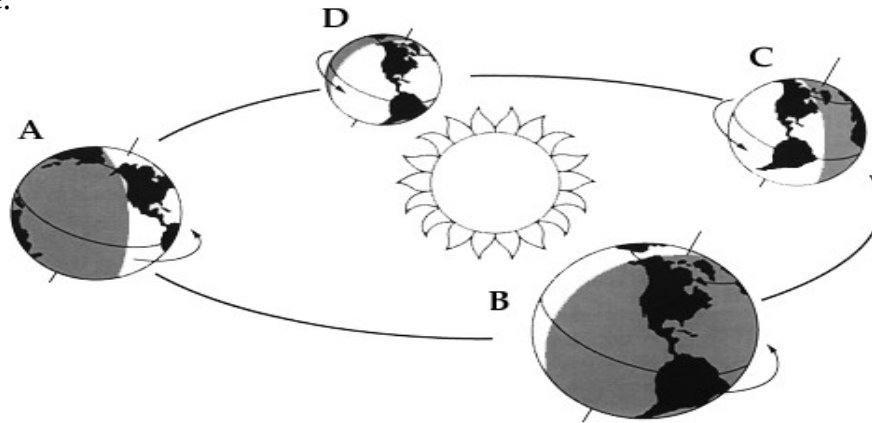


Name: _____ Period: _____ Date: _____

Space Invaders Post-test Study guide; THE QUIZ IS NEXT MONDAY (12/16). Turn this study guide in with answers on test day to receive extra credit. You may write on the back of this paper.

Be able to label this diagram with the correct position of earth for winter, spring, summer, fall in the northern or southern hemisphere.



Know the difference between rotation and revolution. Know how long it takes the earth to rotate on its axis and how long it takes the earth to revolve around the sun. Know what causes day/night.

Know the reason for leap year, hint: this is related to how fast the earth revolves around the sun.

Know how many degrees the earth's axis is tilted.

Know what two things cause the seasons on earth.

Know the difference between solstice and equinox and the seasons in which they occur.

Know about how long it takes the moon to revolve around the earth and how long it takes the moon to rotate on its axis. Know why the same side of the moon always faces earth.

Know what force holds objects together in space. Know what causes tides on earth.

Be able to list the inner planets (rocky planets) and the outer planets (gas giants) in order from their distance from the sun.

Be able to list planet, universe, galaxy and solar system in order from smallest to largest. Be able to name our galaxy.

Name the most massive body in our solar system.

What is the name of the first man-made satellite to orbit the earth? Name the first person to walk on the moon.

Be able to define a spin-off.

Be able to explain what space probes are designed to do.

Be able to define what NASA does and what the initials stand for.