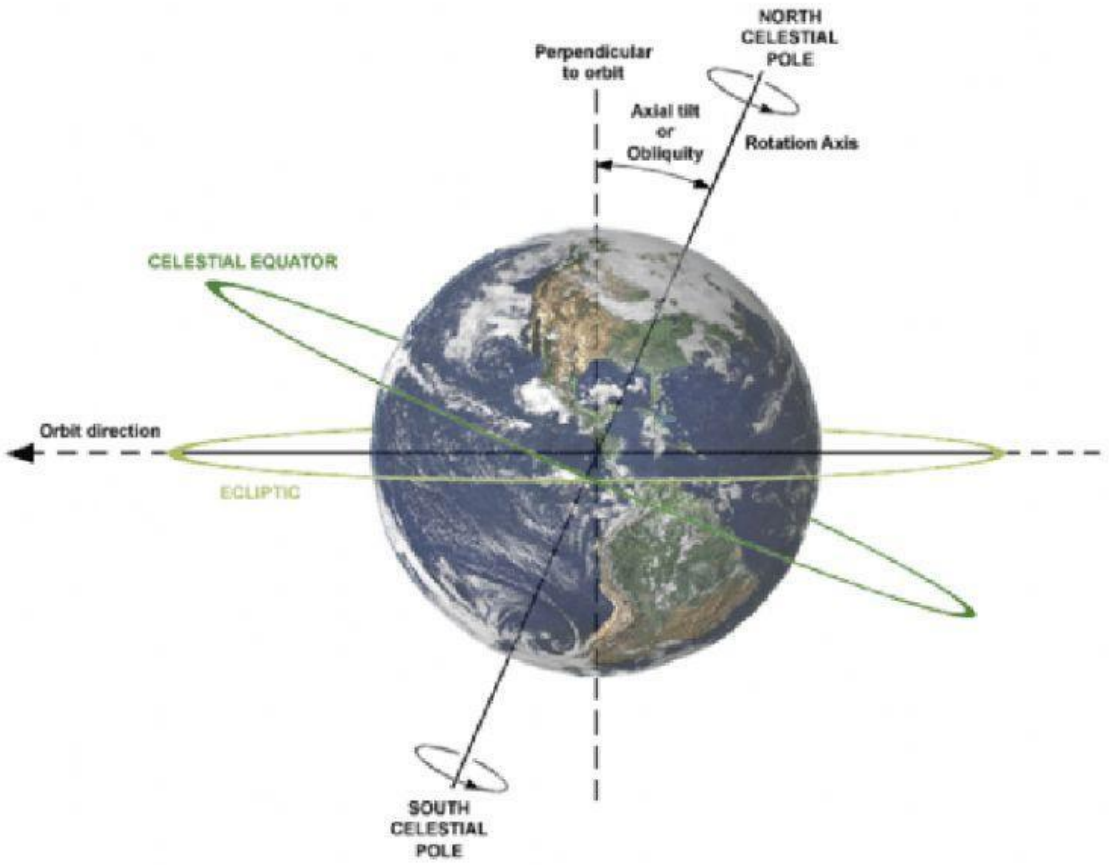
3.5 Earth's Revolutions



1. How long does it take for Earth to make one revolution around the Sun?

LIVEWORKSHEETS

2. Is Earth farther from the Sun in the winter and closer in the summer? Explain.

3. Describe Earth's orbit around the Sun. Describe the orbits of the other planets.

1. What did Aristotle and Ptolemy say about the relationship of Earth to other celestial bodies?

2. In what ways did planets not fit their ideas?

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3. Why was the geocentric model a hypothesis that needed to be thrown out?

4. What did Copernicus say about the solar system? What was the heliocentric model?

5. Why was Copernicus' model wrong?

6. What was Kepler's innovation?

7. What contributions did Galileo's telescope make to accepting the Copernicus/Keppler model of the solar system?

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8. What did The Church do with the heliocentric model?

9. What is wrong with the heliocentric model?

10. Why do we know that the geocentric model is wrong today?

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