

Name _____

Date _____

Period _____

Topic 3 - Deep Space Astronomy - Flipped Video 6

6) Geocentric to Heliocentric Video (8:51) Michael Sammartano

<https://www.youtube.com/watch?v=UtOEnTiAZIU>

Apparent Daily Motion : (1:00)

Geocentric Model: (2:18)

(_____ - Centered)

The geocentric model is based on _____ daily motions.

Ptolemy proposed the geocentric model around _____ A.D. (2:41)

The geocentric model was widely accepted for more than _____ years. (3:32)

Heliocentric Model: (5:00)

(_____ - Centered)

The Heliocentric model was accepted because it better _____

(6:00)

OVER

Kepler looked at the _____ of planet's orbits. (6:40)

Kepler predicted that planet's move in _____ paths called _____.
(7:06)

Kepler noted that a planet's _____ changes as it orbits the sun.

Objects speed up when closer to what they are orbiting (primary body)

due to _____.

In the space below sketch and label both the geocentric and heliocentric model.

Geocentric Model	Heliocentric Model