

Name: _____ Date: _____

SOLAR SYSTEM STUDY GUIDE

Vocabulary

Word	Definition
gas giant	
	a large body in space that moves around a star
telescope	
	the Sun, planets, moons, and other objects that orbit the Sun
axis	
constellation	
	a made-up line that circles Earth halfway between the North and South Poles
revolve	
	to turn on a axis
	a ball of hot gases that off light and energy
orbit	

Stars

1. A star's color tells you more information about the star's _____.
2. _____ star = hot temperature
3. _____ star = medium temperature
4. _____ star = cooler temperature
5. Fill out the chart to compare planets and stars. Be sure to include at least 3 facts in each section.

Stars	Both	Planets

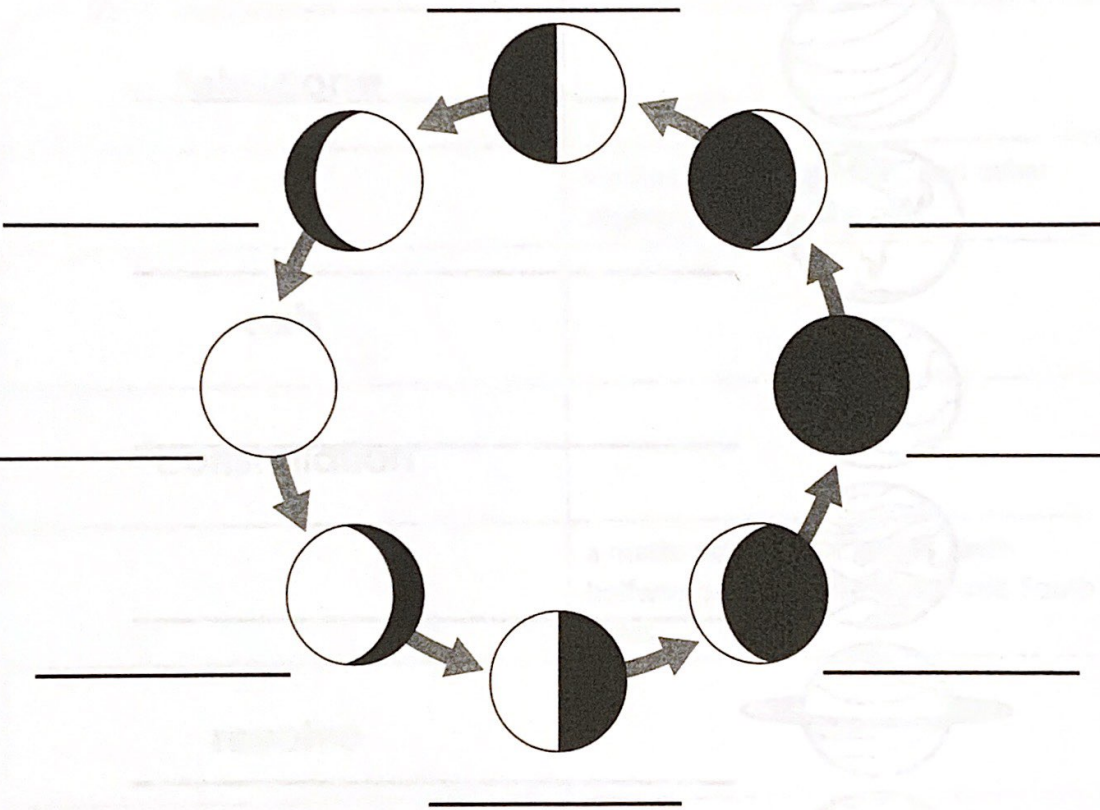
6. Explain the difference between constellations and planets. Why do constellations stay in the same place in the sky, but planets move?

Day & Night

7. Explain how day and night occurs.

Phases of the Moon

8. Label the phases of the Moon



Seasons

9. Name two reasons why seasons occur.

- _____
- _____

Planets

10. Label the planets in the correct order from the Sun.



SUN

