

## Chapter 2 Study Guide – Science

Please focus on the information below when studying for the Science test.

1. When the Southern Hemisphere is tilted towards the sun the season they are having is summer.
2. When the Southern Hemisphere is tilted towards the sun Georgia is having winter.
3. The rotation of the earth on its axis causes day and night.
4. The moon appears to change shape because of its revolution around the Earth.
5. When half of the moon is visible in the sky this is called a quarter moon.
6. Stars are NOT all the same size.
7. The Sun rises in the east and sets in the west.
8. When the Sun is directly over your head you will have the shortest shadow.
9. There are more stars visible in the night sky than planets or moons.
10. Your longest shadow would be seen early in the morning or late in the afternoon.
11. The seasons are caused by Earth's tilt on its axis.
12. An axis is an imaginary line through the center of the planet.
13. Pictures formed by stars in the night sky are called constellations.
14. The Southern Hemisphere has summer during the month of December and January.
15. During the summer an area is having more direct sunlight.
16. When the moon is between the Sun and the Earth the moon is a New Moon and it is dark (not visible).
17. You can tell the difference between planets and stars because the planets appear to move among the stars.
18. Be able to label the 8 phases of the moon!