## Study Guide for Seasons

North Pole	Sun Rays	Sun Rays	North Pole
A Liquator			E Tothurfel G
c	↓ •		Н

## 1. In the image above what season is each letter in?

Season	Summer	Spring	Winter	Fall
Letter	C, D, G, H		A, B, E, F	

2. In the image above list which are in Day and which are in Night

Day	Night	
B, D, E, G		

3. Compare the Sun's heights to each season in the box below

Season	Height of the Sun compared to each other	
Summer	Highest of all4	
Spring	In the middle of Summer and Winter	
Winter	Lowest of all 4	
Fall	In the middle of Summer and Winter	

4. What are the 2 main reasons for seasons? \_\_\_\_\_\_Tilt\_\_\_\_\_ and \_\_\_\_\_revolution around the sun\_\_\_\_

5. If a planet had a tilt close to 0 how many seasons would it have? \_\_\_\_1\_\_\_\_
6. Explain \_\_\_\_\_If a planet is straight up and down then all the Earth receives the same amount of light\_\_\_\_\_

7. If a planet were titled on its side (90°) how many seasons? \_\_\_\_2
8. Explain \_\_\_\_\_If a planet is titled on its side, then the side tilted towards the Sun would be summer (receiving all of the sun's light) and the side tilted away would be winter (receiving non for the sun's light) \_\_\_\_\_\_

9, If a planet was titled 25°, how many seasons would it have? \_\_\_\_\_4\_\_\_\_ 10. Explain \_\_\_\_\_The tilt if close to Earth's (23.5°) \_\_\_\_\_

11. How much is the Earth tilted? <u>23.5</u>°\_\_\_\_\_

12. If the season is Summer in the Southern Hemisphere was season in the Northern? <u>Winter</u>

13. If the season is Spring in the Northern Hemisphere what season in the Southern? \_\_\_\_ Fall\_\_\_\_\_