

Tuesday 19th January 2021-Spicy

LO: To learn about how Earth's tilt creates seasons.

Label the positions in Earth's orbit with the correct season that the Northern Hemisphere is in. Explain how you know and some other facts you know about each season.

summer winter autumn spring longer shorter northern southern
warmer colder tilted towards away from orbit hemisphere month

Create a graph to show the average day length by month using the data below. Remember, your y axis will be time duration and should use hours and minutes.

Northern Hemisphere		Southern Hemisphere	
London, UK	Hours of daylight	Pretoria, South Africa	Hours of daylight
January	8h 24m	January	13h 37m
February	10h 3m	February	13h
March	11h 56m	March	12h 17m
April	13h 58m	April	11h 31m
May	15h 43m	May	10h 54m
June	16h 41m	June	10h 35m
July	16h 14m	July	10h 43m
August	14h 39m	August	11h 16m
September	12h 42m	September	11h 59m
October	10h 45m	October	12h 44m
November	8h 55m	November	13h 25m
December	7h 56m	December	13h 47m

What do you notice about the Northern Hemisphere's graph?

What do you notice about the Southern Hemisphere's graph?

Which months are summer for the UK? How do you know?

Which months are winter for the UK? How do you know?

