

PROGRESSION OF SKILLS AND VOCABULARY POLICY 2019



SCIENCE ESSENTIAL SKILLS Y1-Y6: SEASONAL CHANGES					
KEY STAGE 1		LOWER KEY STAGE 2		UPPER KEY STAGE 2	
End of Y1 expectations	End of Y2 expectations	End of Y3 expectations	End of Y4 expectations	End of Y5 expectations	End of Y6 expectations
Identifying and naming:					
Name a range of different types of weather from pictures or sounds.	Identify less familiar weather conditions that are more common in other parts of the world.				
Effects of weather:					
Describe some positive and negative effects of the weather for ourselves and our environment.	Explain how and why the weather influences our choice of clothing and affects what we can do.				
Recording the weather:					
Observe and record the daily weather on a chart or in a table.	Identify patterns and similarities and differences within recorded weather over a given period of time.				
The seasons:					
Broadly assign different weather types to seasons.	Explain how animals or plants are affected by the seasons, using a specific animal or plant as an example.				
Day length:					
Describe how day length changes over a year, from experience and know how it affects their lives.	Make comparisons to other parts of the world where day length changes to a greater or lesser degree, such as Arctic or equatorial regions.				

SCIENCE ESSENTIAL SKILLS Y1-Y6: EARTH AND SPACE

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KEY STAGE 1 'Moon Zoom' is to be chosen in Y1 and elements such as day and night to be explored in EYFS.		LOWER KEY STAGE 2		UPPER KEY STAGE 2	
End of Y1 expectations	End of Y2 expectations	End of Y3 expectations	End of Y4 expectations	End of Y5 expectations	End of Y6 expectations
Identifying and naming:					
				Name the eight planets of the solar system and describe their position and movement relative to the Sun and neighbouring planets.	
Moons:					
				Describe what a moon is, how they maintain an orbit around a planet and which planets in our solar system have them.	
Spherical bodies:					
				Describe the key force responsible for planets being spherical.	
Day and night:					
				Explain day and night using the Earth's rotation, correct terminology and a model if required.	Compare times in other parts of the world and relate this to the use of time zones.
Day length and the seasons:					
				Explain how the Earth's 'position' affects day length.	Explain how the day length changes to a greater or lesser degree in other parts of the world (e.g. Arctic or equatorial regions).
KEY VOCABULARY: SEASONAL CHANGES EARTH AND SPACE					

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KEY STAGE 1		LOWER KEY STAGE 2		UPPER KEY STAGE 2	
End of Y1 expectations	End of Y2 expectations	End of Y3 expectations	End of Y4 expectations	End of Y5 expectations	End of Y6 expectations
season summer winter autumn spring day daytime weather wind rain snow hail sleet fog sun hot warm cold <i>some basic vocabulary relating to space including;</i> planet names moons orbit a famous astronaut such as Neill Armstrong, Yuri Gagarin	As in Year 1			Earth, Sun, Moon, moons planets stars solar system Mercury, Venus, Mars, Jupiter, Saturn, Uranus, Neptune, Pluto rotate day, night Aristotle, Ptolemy, Galileo, Copernicus, Brahe, Alhazen orbit axis spherical heliocentric geocentric hemisphere season tilt	