




Year 6- Term 6- Homework, challenges and home learning



You may choose any of the following activities below in addition to your weekly homework task if you would like to. Challenge yourself! Can you complete at least one spicy activity? We will celebrate your wonderful work at the end of term!

	English	Maths	Topic: Mountains	Science: Animals including humans	Art/DT
Mild 	Write a step-by-step guide detailing how fold mountains or volcanic mountains are formed.	Keep up with your times tables with Times Tables Rock Stars and Hit the Button	Research the world's highest mountain peaks – compile a list of the top 10 with their exact locations and elevations.	Heart Blueprint: Draw a diagram of the human heart. Label the four main chambers (atria and ventricles) and use red and blue pencils to show oxygenated vs. deoxygenated blood.	Have a go at sketching or recreating a famous mountain landscape artwork (e.g., Katsushika Hokusai's <i>Views of Mount Fuji</i>).
Hot 	Write a detailed diary entry from the perspective of a mountaineer or a Sherpa guide attempting to summit Mount Everest.	Practise your decimals by researching the heights of UK mountains (in km) and ordering them from shortest to tallest.	Choose a famous UK mountain (e.g., Yr Wyddfa/Snowdon or Ben Nevis) and create an eye-catching tourist poster enticing climbers to visit. What should they pack?	The Heartbeat Investigation: Measure your resting heart rate (beats per minute). Then, perform 2 minutes of star jumps and measure it again. Write a short paragraph explaining <i>why</i> your heart rate changed	Get some watercolour paints or pastels and recreate the dramatic tones and shadows of a mountain range at sunset or sunrise.
Spicy 	Create an informational survival brochure or packing guide for an expedition into an extreme mountain range like the Himalayas or the Andes	Find the elevations of the UK's 'National Three Peaks'. Calculate the mean, median, and range of these heights, then try converting them into miles or feet!	Design a brand new 'Super-Mountain' creature. Draw it and label its imaginary, highly advanced evolutionary adaptations that allow it to survive at the very peak of Mount Everest.	Doctor's Orders: Write a detailed script or recording of a doctor explaining to a patient exactly how blood travels around the body—starting from the heart, going to the lungs, and back out to the muscles.	Get creative and build a 3D scale model of a mountain peak using recycled materials around your home, papier-mâché, or natural objects from your garden.

If you have any questions please speak to your class teacher.