Curriculum Overview and Homework Activities

Mountains and Rivers

This half term we will be embarking on an amazing journey learning about mountains and rivers! Through engaging activities and hands-on learning, students will gain a deeper understanding of natural and man-made geographical features. Together, we will explore the fascinating world of natural landscapes, learning how mountains are formed and how rivers travel from their sources to the sea. We will investigate different types of mountains and rivers around the world, and learn to identify their key features on maps. We'll also explore how water droplets go through the process of a water cycle. In English we will be writing diary entries, retelling stories and composing a formal persuasive letter. In Art, we will be putting our creative skills to use by researching famous artists who painted rivers. As Scientists, we will be looking at states of matter. This relates to our topic as water can be three things: solid (ice), liquid (water), or gas (water vapor). In Science, we learn how water changes between these forms by freezing and melting, and in Geography we learn about how mountains help rivers by providing them with water when snow and ice melt. This melted water flows into rivers. Then, it can evaporate into the air and later come back as rain. So, water is always moving and changing, helping to shape our mountains and rivers! For PSHE, we will be exploring the different careers one can take and how to manage money efficiently. During Computing, we will be coding using scratch in order to create our own programmes. In Maths, we will be concentrating on addition and subtraction as well as multiplication and division. We will also continue to practice our times tables in preparation for the year 4 multiplication test.

Reading every night is the most important thing you do to support your child with their learning.

There are weekly spellings to learn as well as TTROCKSTARS and times tables practice. We also set weekly math's homework– a sheet will be stuck in the homework book ready to complete. These MUST be completed before attempting any of the homework tasks below.

The additional tasks below are optional.

Using recyclable materials, create a model of a mountain and a river.	Materials: A clear plastic bottle, water, food colouring small stones, and sand. Fill the bottle with the materials to create a riverbed. Tip the bottle to watch the "river" flow, showing how water moves around obstacles.	Write a story about a drop of water travelling from a mountain, down a river, and out to the ocean. Describe the landforms the water droplet passes and what happens along the way.	Create an origami mountain range.
Create a non-chronological report about the different water bodies. (River, lake, canal and ocean)	For every letter of the alphabet come up with a list with the names of mountains and rivers around the world. e.g., for the letter A – I will use Alps and Amazon River.	Diary entry – write a diary entry as if you were a mountain explorer. What amazing things would you see and discover. .	Research the mountains in the UK. List them and find out where they are on a map of the UK. How tall are they?