

**Year 4 – Week 8 – Weekly Activities****Topic: River Deep, Mountain High****Geography: How are mountains made?**

Watch this SciShow Kids [video](#) about the different ways mountains are formed.

**Activity 1: Make your own mountain**

Click [here](#) for a tutorial or follow these instructions:

Place several layers of towels or similar fabric on top of each other. Place a small box either side (and slowly push both boxes towards the centre.)



**TIPS:** What shape mountains can you create? Do different materials produce different results? What happens if you push the boxes at different speeds?

**Activity 2: Historic events - the first climb of Everest**

Here are a few ideas to help you find out about Sir Edmund Hillary's climb to the top of Mount Everest:

1. Click [here](#) to re-live Edmund Hillary's trek to the top of the world through photos and text.
2. Find out about Edmund Hillary and make a fact file. Click [here](#) for more information.
3. Edmund Hillary achieved many great things in his life. Can you design a special award for him?

**Science – Does eating breakfast affect concentration?**

Click [here](#) for a BBC Bitesize video about a survey that was carried out to investigate if eating breakfast affected a class of children's concentration.

Try it out for yourself! Before eating lunch or a snack, find 20 small objects around your home and pop them onto a tray. Spend one minute trying to memorize what is on the tray and cover the tray at the end of the minute. Then give yourself another minute to try to write down or say everything that was on the tray. Repeat the activity after eating lunch or a snack with 20 different items. Count how many you remembered each time. You could draw a bar graph to show your results.

**Maths**

**Oak Academy – Week 9** Click [here](#) to access a maths lesson once a day. Complete the maths quiz, main activity and final quiz.

**Challenge –**

Zids have 4 spots.

Zods have 9

spots.

Altogether some Zids and Zods have 48 spots.

How many Zids are there?

How many Zods are there?

How many different possibilities can you find for the number of Zids and Zods?

Zids and Zods



**Arithmetic practice** – Select the times tables that you want to learn. Use this [website](#) to complete the activities to help you learn your times table facts. There is also a multiplication tables check for you to try! Alternatively, you could practise writing them down on paper and read them aloud.

**Computing** – Learn all about patterns, logic and debugging through a series of sporting themed activities. [Click here.](#)



Put your new coding skills to the test using Scratch. [Click here.](#)

Follow the 'Getting Started' video in the 'Tutorials' section at the top of the page. You can follow along with each video. Familiarise yourself with moving and attaching different blocks and see what you can make.

**Music** - View the latest recorder lesson from Mrs Bayliss [here](#). You will also need your pupil login for the [Charanga](#) site.

**English**

**Oak Academy – Week 9** Click [here](#) to access an English lesson once a day.

**Challenge** – You are an amazing and famous inventor, with an incredible imagination!

**Make up a name for your invention and write about:**

- what you have invented and why- what does it do?
- who might buy it
- any problems you might come across whilst making it
- what it is made of

**(TIP: it might help to draw and label your invention first)**

**SPaG** – Edit and improve your famous inventor challenge task. **TIP: check you have used: capital letters and full stops, paragraphs, conjunctions, interesting vocabulary, correct spelling.**

**Reading** – 'The Silly Squad' summer reading challenge has started! It would be fantastic if you could join up by logging onto

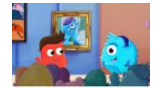


'[The Summer Reading Challenge](#)' website. Get rewards, play games and earn badges as you discover awesome books to read! [Click here](#) for information about how to access free books.

**French – Matching pairs game (play on your own or with a partner)** Use the phrases below to create your own game. On a card, write a French phrase, and on a separate card, draw the hairstyle to match. Once you have done this for all phrases, shuffle the cards and lay them in rows facing down. Turn over two cards and if they match, keep them. If they don't match, turn them back over. **Les cheveux noirs, les cheveux bruns, les cheveux blonds, les cheveux roux, les cheveux châtains, les cheveux longs, les cheveux courts, les cheveux bouclés, les cheveux ondulés, les cheveux raides.**

**Wellbeing- Resilience & Perseverance**

Resilience and perseverance is when someone keeps trying, no matter how hard something is. Click on the episodes below to watch a series about perseverance, which includes a concept called 'The Dip'. This will help you learn the power of perseverance and what it looks like in real life.



[Episode 1](#) [Episode 2](#) [Episode 3](#)

**Activity 1:** Once you have watched these clips, answer these questions:

- What is a dip?
- Where/what situations might we experience a dip?
- What kind of emotions accompany a dip? How can we stay positive?
- How do we escape the dip?
- How does it feel to escape the dip?

**Activity 2:** Write about a time that reflecting on a mistake improved your work.

**PE: Reaction Game –**

This game needs 2 or more players, a ball (or cuddly toy), and an additional person to give instructions.



- Place the ball in the middle of the group. Someone not playing shouts commands to the players which they follow e.g. touch your head, touch your toes, jump on one foot.
- As soon as they shout "ball", the players need to grab the ball as quick as they can. The person who gets the ball first wins.