

Upper Key Stage Two Curriculum: Spring

During the spring term, Upper Key Stage Two will be learning about mountains and the circulatory system. We will develop our understanding of the structure of mountains, how they are formed, where they are in the world and what we would need to consider if we were to climb our very own mountain. We will also be combining this learning with our science topic: "The circulatory system" and seeing how climbing mountains may affect our bodies.

Climb Every Mountain



An exploration of mountains in Europe

English

This term we will be... reading and analysing 'Pig Heart Boy' by Malorie Blackman. We will be writing a discussion text about xenotransplantation, drawing on our scientific knowledge and our learning from this text. We will also write a narrative with a flash back. We will continue to apply our grammar skills from Term 1 and 2, as well as explore more complex punctuation and development of rich vocabulary.

We are learning to... embed our understanding dashes, colons, semi-colons, hyphens. We are also focussing on using modal verbs, passive voice, a range on tenses and complex vocabulary in our writing.

You can help your child by: talking to them about our book, our topics, and visiting the library to read similar books.

Maths

This term we will be focusing on...

- Fractions
- Measurement (length, perimeter and area) – Year 6
- Geometry
- Algebra
- Key facts (Big Maths)

You can help your child by... discussing what your child has been learning in school and ask them to explain how they have been solving their calculations. Talk through any maths home learning and ensure that complements (e.g. $37 + ? = 1000$) and times tables are practised regularly: little and often is best!

Cycle B: Geographical

Science:

In Science, we will be identifying and naming the main parts of the human circulatory system, and explaining the functions of the heart, blood vessels and blood. We will also be recognising the impact of diet, exercise, drugs and lifestyle on the way their bodies function and describing the ways in which nutrients and water are transported within animals, including humans.

Design and Technology:

Our topic this term is "Strengthen, Stiffen and Reinforce".

We will be ensuring that we can measure carefully to avoid mistakes and reflecting on our designs to make our products stronger.

We will also be taking the time to consider how to make our designs better, sticking with our design and improving it, rather than giving up. We will also be considering the suitability of products when selecting materials and evaluating how our product meets all the design criteria.

Geography:

In Geography this term, we will be focusing on comparing a region of the UK with a region in Europe, exploring the similarities and differences between them. In particular, we will be looking at mountains and how these differ on our continent.

We will also be using maps and other resources to locate the main countries in Europe and North or South America, locating and naming the principal cities.

Art and Design:

We will experiment with wet media with different marks, lines, patterns, textures and shapes.

With these skills, we will create prints with three overlays and work into prints with a range of media e.g. pens, colour pens and paints.

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RE:

We are looking forward to exploring the following question:

What matters most to Christians and Humanists?

Music:

We will be singing songs related to the topic: 'Musical Jazz'.

Computing:

We will be looking at how the internet affects online safety and ways to stay safe online.

We will also be making our own films using a variety of media.

Jigsaw:

Dreams and Goals

PE: Coordination

Alongside lessons with Mr T, we will be taking part in Dance and Orienteering.

Spanish:

We will be learning new vocabulary and grammatical structures associated to theme parks

