

Year Five Spring 1 2021

Here is our topic for this half term. Please use it to support your children's learning. We will be learning all about forces and how they affect us in our everyday lives.

As Scientists we will:

Describe the differences in the life cycles of a mammal, amphibian, insect and bird.

Describe the life process of reproduction in some plants and animals.

Describe the life cycles of plants. Explore the work of well-known naturalists and animal behaviourists.

As Citizens we will:

Learning about our rights and responsibilities including democracy and how we use it.

We will also be discussing fair trade, globalisation inequalities, hunger & poverty and media & stereotyping.

As readers we will:

Listen to and read stories linked to our units.

We will be reading Journey to the river sea.

As Mathematicians we will:

Multiply numbers up to 4 digits by a one or two digit number using a formal written method, including long multiplication for 2-digit numbers.

Divide numbers up to 4 digits by a 1 digit number using the formal written method of short division and interpret remainders appropriately for the context.

Solve problems involving addition and subtraction, multiplication and division and a combination of these, including understanding the use of the equals sign. Compare and order fractions whose denominators are multiples of the same number.

Identify, name and write equivalent fractions of a given fraction, represented visually including tenths and hundredths.

Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements >1 as a mixed number [for example $2\frac{5}{5} + 4\frac{5}{5} = 6\frac{5}{5} = 11\frac{5}{5}$]

Add and subtract fractions with the same denominator and denominators that are multiples of the same number.

The Big Question: Are humans damaging the atmosphere?



As IT technicians we will:

Listen to streaming audio such as online radio.

Download and listen to a podcast.

Produce and upload a podcast.

Manipulate sounds using audacity.

As Designers we will:

Refine and improve our product.

Persevere through different stages of making.

Explain why the finished product will be good and how it might appeal to the audience.

Check our design and continually adapt our product.

Evaluate our product against the original criteria.

As geographers we will:

Collect information about a place and use it in a report. Find possible answers to our own Geographical questions. Explain why many cities are located near rivers. Explain how a location fits into its wider geographical location; with reference to physical, human and economical features. Explain why water is a valuable commodity. Explain why people are attracted to live by rivers. Explain what a place might be like in the future, taking account of issues impacting on human features. Locate and name many of the world's major rivers. Locate and name the main countries in South America on a world map and atlas.

As Authors we will:

Write for a range of audiences, changing our sentence structure to suit.

Use our knowledge of the rainforest to write an information text and survival guide for the rainforest.