

## Year Five Spring Term 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:

Understand how mixtures might be separated, through filtering, sieving and evaporating.

Demonstrate that dissolving, mixing and changes of state are reversible changes.

### As Citizens we will:

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

We will also be discussing our responsibilities around the environment and protecting it by looking at climate change and sustainability issues.

### As Mathematicians we will:

Multiply and divide numbers mentally, drawing upon known facts

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

Multiply and divide whole numbers and those involving decimals by 10, 100 and 1,000

Recognise and use square numbers and cube numbers, and the notation for squared ( $^2$ ) and cubed ( $^3$ )

Solve problems involving multiplication and division, including using their knowledge of factors and multiples, squares and cubes

Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign

Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates

### As Authors we will:

Use descriptive writing to create our own describe settings linked to our topic of Anglo-Saxons.

We will also be writing our stories using the text *Varjak Paw* to model the key parts to a story. Focusing on building suspense for a reader and using a range of grammar including semi colons, commas and speech.

## The Big Question: Were the Anglo-Saxons really smashing??



### As readers we will:

Listen to a read stories linked to our units.

We will be continuing the read through *The Dual Worlds of Anders Arnfield*.

### As IT technicians we will:

Learn about methods of communication used in the past to send information securely.

We will explore transmitting information in semaphores, Morse code and use the Caesar cipher code. We will also explore how to create secure passwords and develop our understanding of security on the web.

### As Designers we will:

Be designing, making and evaluating a model of an Anglo-Saxon settlement. We will use a wide range of natural and recycled materials to create an accurate representations of these settlements.

### As Athletes we will:

Develop and improve our team playing skills through Hockey.

