

## Autumn 1: Vikings

### Maths

Place Value: To read Roman Numerals to 1000 (M) and recognise years written in Roman Numerals/ To read, write, order and compare numbers to at least 1000000 and determine the value of each digit/ To round any number up to 1000000 to the nearest 10. 100. 1000, 10000, 100000/ To solve number problems and practical problems that involve all of the above.

Addition and Subtraction: To add and subtract whole numbers with more than 4 digits, including using formal written methods (column addition and subtraction)/ To add and subtract numbers mentally with increasingly large numbers/ To use rounding to check answers to calculations to determine, in the context of a problem, levels of accuracy/ To solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

In arithmetic lessons and maths meetings we will be working on key maths skills, revising previous learning and we will also continue to practise our times tables, having a test at the end of each week.

### Science: Forces

In science this half term we will be learning about forces and how unsupported objects fall towards Earth due to the force of gravity.

We will also investigate the effects of air resistance, water resistance and friction and how they act upon moving surfaces.

As well as this we will also learn to recognise that some mechanisms, including levers, pulleys and gears allow a smaller force to have a greater effect.

### Topic: History Focus – The Vikings

Pupils who are secure will be able to:

- Explain where the Vikings came from and why they invaded Britain.
- Sequence events according to their significance for groups of people.
- Find evidence and make inferences from sources.
- Name Viking trade routes.
- Explain why trade routes were important to the Vikings.
- Identify the differences between Viking sagas.
- Evaluate the impact of Viking achievements.

### Geography Focus – What is life like in the Alps?

- Locate the Alps on a world map and identify and label the eight countries they spread through.
- Locate three physical and three human characteristics in the Alps.
- Research and describe the physical and human features of Innsbruck.
- Use a variety of data collection methods including completing a questionnaire, mapping their route and recording their findings in sketches or photographs.
- Compare the human and physical geography of their local area and Innsbruck.

### PE

P.E days in year 5 will be on Tuesday mornings and Friday afternoons

Children will be taught tag rugby skills with a focus on handling, passing and tactical movement. The children will also be focusing on invasion games and tactics.

### Writing

This half term we are focusing on diaries. We will be reading the book 'Queen Falls' and our writing outcome will be to write a series of diaries about significant events in Annie Edson Taylor's life. We will focus on identifying the audience and purpose of writing and how we can enhance meaning through selecting appropriate grammar and vocabulary.

### Reminders

Please ensure children are reading 4 times a week and recording this in their reading diary. Children should also have their reading book in school with them every day so they can be listened to in school.

Spellings will be given out each Monday and tested on a Friday.