

YEAR GROUP: 5

DATE: January / February 2024

TIME ALLOCATION: 6 weeks

TEACHER: Mr Grundy

English

This half term we will be focussing on Norse (Viking) myths. As a class, we will read a range of Viking myths and discuss historical and mythical context. We will also use immersive techniques to consolidate and explore plot and character development further. The outcome by the end of the half term is that the children will write their own Viking myth. To achieve this, we will start by identifying the specific features and the children will carry out some wider reading and research on Viking myths including poems and information texts on Viking Gods. The children will then plan their own Viking myth, which will include content and language features. The children will then write their own Viking myth focussing on using colons to add further detail and other features learnt in Year 5. To finish, the children will edit and publish their final version of a Viking Myth.

Maths

In maths this half term, the children will spend the majority of their time learning to multiply and divide using standard written methods. They will build up to multiplying a four digit number by a two digit number before moving onto short division and learning how to divide with remainders. The children will then move onto multiplying fractions and learning how to find a fraction of an amount. The half term will then finish with decimals and percentages as the main focus.

Science

The topic the children will be learning about this half term is 'forces'. They will start by understanding what 'gravity' is and completing some research on Isaac Newton. The class will then conduct some experiments to test air resistance and water resistance by making parachutes and boats. After that, the children will investigate the effects of friction on different surfaces. Finally, children will understand and investigate different mechanisms (levers, pulleys and gears).



Where does our energy come from?



WHY?

We hope to gain a deeper understanding of different energy sources and understand why using renewable energy sources is good for our planet.

WOW:

Classroom environment designed like Valhalla — Link to English.

OUTCOME:

Children will know where we get our energy from and compare the UK energy sources with the USA.

Computing Creating Media

In this unit, the children will use physical computing to explore the concept of selection in programming through the use of Micro-bits. They will learn how to connect and program components (including output devices, LEDs and motors) through the application of their existing programming knowledge. The children will be introduced to conditions as a means of controlling the flow of actions; they will then make use of their knowledge of repetition and conditions when introduced to the concept of selection (through the 'if, then structure').

Religious Education

During RE lessons this half term, the children will be delving into why Christians believe that Jesus is the Messiah (Incarnation).

History

History is not being taught this half term — Geography focus.

Geography

Throughout this topic, the children will use primary and secondary sources to interpret the characters of Henry VIII and Anne Boleyn. The children will learn about the Royal Progresses of Elizabeth I and reconstruct their own Royal Progress. Finally, deductions will be made about the people in Tudor England using inventories and the class will create their own realistic inventory for a person living in Tudor times.

Design Technology

The focus this half-term is 'structures', where the children will be learning about bridges. The class will look at arch, beam and truss bridges and decide which bridges are stronger and why. Children will then design and make their own strong bridge, based on the knowledge they have learnt at the start of the unit. Finally, the children's bridges will be evaluated and we will look at what could be made better next time.

Art & Design

Art is not being taught this half term — Design and Technology focus.

Music

The children will learn about 'Blues' music. They will focus on the history of the 'Blues' and learn about 'The 12-bar Blues'.

Physical Education

The children will be learning a gymnastic sequence.

SMSC

- Have respect for the beliefs and values of others.
- Work well with others and deal with conflict maturely.
- Use of imagination and creativity in their learning.
- Recognise the difference between right and wrong.
- Offer reasoned views about moral and ethical issues.
- Understand and appreciate the wide range of cultural influences that have shaped their own heritage.

BRITISH VALUES

- Democracy
- The rule of law
- Individual liberty
- Mutual respect
- Tolerance of those of different faiths and beliefs

TOPIC HOMEWORK

- Times tables
- Reading
- SPAG.com
- MyMaths
- Homework Sheet

ASSESSMENT

Children will be assessed in all areas of the curriculum, focusing on key skills taken from across the curriculum.