



Beech Class
Mrs Petty
Curriculum Information
Spring 2017

Mathematics

- Using the order of importance of the operations (BODMAS)
- Calculating with negative numbers

Algebra

- Using simple formulae
- Finding pairs of numbers to complete an equation with two unknowns
- Using the inverse operation to find unknowns
- Record missing number problems algebraically
- Finding all possibilities of the combinations of two variables
- Create and describe linear number sequences

Data Handling

- Interpreting and constructing line graphs and pie charts and use to solve problems
- Finding the mean, median, mode and the range
- Solving comparison, sum and difference problems using line graphs
- Completing, reading and interpreting information in tables, including timetables

Ratio & Proportion

- Solving problems involving shapes where scale factor is known or can be found
- Solving problems involving unequal sharing and grouping, using knowledge of fractions and multiples

Measurements

- Converting between units of measure
- Finding missing angles in triangles and polygons
- Calculating area, perimeter and volume of shapes including circles.
- Transforming shapes and recognising 3Dnets

Physical Education

1st half-term

Thursday: Gymnastics, developing routines involving a mixture of symmetry/asymmetry using apparatus and the floor. Friday: Hockey, developing ball control and striking skills.

2nd half-term

Thursday: gymnastics continues
Friday: outdoor adventurous activities

Invaders: The Vikings

This term, we will be covering the following:

Science

1st half-term: Living things & their habitats -classifying and sorting living creatures.

2nd half-term: Evolution and Inheritance- how animals have learnt to adapt to survive.

Topic

- Chronologically explain when the Vikings were around.
- Identifying the Viking homeland countries and the physical geological reasons why they invaded.
- Discover how the Vikings' beliefs changed as a result of invading England.
- Learn about the pagan Viking gods.

Creative development

- Creating dramatic Viking dances.
- Sketching the symbolic icon placed at the front of a Viking longboat - a dragon head.
- Building a replica of a long boat
- Programing a game based on Viking sagas in Scratch.
- Writing a good melody- Viking Rock

English

- Reading & retelling Viking sagas
- Retrieving information & discussing how authors use language for impact
- Inferring and deducing about the characters
- Identifying & discussing themes
- Recognise the historical true facts and the fiction
- Writing a formal review
- Writing a formal letter
- Writing information texts
- Forming logical arguments and conducting debates.
- Impersonal and personal language
- Identifying a wide range of genres of texts and provide examples
- Adding a variety of suffixes
- Applying the 'ie' or 'ei' rule
- Revising the Y3/4 and Y5/6 National Curriculum words

Personal and Social Development

Diversity & Communities (1st half)

- Know my identity within a community; respect and recognise other identities locally and in the UK & the role of the media.

Drug Education (2nd half)

- How do drugs affect the body?
- How do medicines help people with a range of illnesses?
- What are the risks and the laws about drugs?
- How and why companies advertise drugs?