

In Maths we will be studying:

- Place value to ten million including rounding and negative numbers.
- Number: addition, subtraction, multiplication and division.
- Fractions of amounts.
- Geometry, position and direction

We will be developing our reasoning skills and fluency.

In English we will be:

- Reading a variety of quality texts
- Writing in a variety of forms including non-chronological reports, instructions, recounts, persuasion, narratives and poetry.
- Learning how to accurately use all punctuation marks and use correct grammar.
- Learning common spelling patterns.
- Reading to retrieve information accurately and to develop inference skills.

In Science we will:

- Recognise light appears to travel in straight lines
- Explain that objects are seen because they give out or reflect light into the eye
- Explain that we see things because light travels from light sources to our eyes or from light sources to objects and then to our eyes
- Explain why shadows have the same shape as the objects that cast them.

- Identifying and naming the main parts of the human circulatory system, and describing the functions of the heart, blood vessels and blood.
- Recognising the impact of diet, exercise, drugs and lifestyle on the way our bodies function.
- Describing the ways in which nutrients and water are transported within animals, including humans.

In History our topic is 'The Vikings'. We will be investigating:

- What drove the Vikings to settle in England?
- Whether religion united or divided the nation during this period?
- Whether our country ultimately benefited from the arrival of the Vikings?

Autumn Term 2021

Hawks' class

**In Art we will be:**

- Learning how to use graduated shading to show light and shadow.
- Use shading techniques to make objects look 3D
- Use watercolour to blend colours to create the effect of light and shadow

In DT we will be designing our own rollercoaster. Within this we will be:

- Investigating and analysing a range of existing rollercoasters
- Creating designs and prototypes choosing our materials carefully.
- Strengthening, stiffening and reinforcing our structures.
- Evaluating our ideas and products against our own design criteria and considering the views of others to improve our work.

In ICT we will be:

- Learning about the history of the internet.
- Understanding that the WWW and internet are not the same thing.
- Learning how search engines work.
- Discussing how we can evaluate the reliability of information found online.
- Considering how we can conduct ourselves safely and respectfully online.
- Learning about copyright laws.

In RE we will be discussing:

- What is the best way for a Muslim to show commitment to God?
- Do Christmas celebrations and traditions help Christians understand who Jesus was and why he was born?
- Who Jesus was and why he was born?

In Geography our topic is Coasts. We will:

- Summarise the key geographical features of the county of Norfolk including its location in the UK in terms of longitude and latitude, its neighbouring counties, its rivers and coastal areas.
- Compare the different ways which the land is used within the region of Norfolk and identify the areas most dependent on tourism.
- Debate the advantages and disadvantages of the different land uses.
- Observe the physical changes coastal erosion has had on Norfolk coast.
- Debate whether coastal resorts such as Hemsby should be given coastal defences to prevent further erosion of the sand-dunes.

In German we will:

- Recap days of the week
- Learn about German Schools and subjects
- Learn vocabulary for movements
- Recap colours
- Express likes and dislikes
- Learn vocabulary for shapes

In Music we will be:

- Developing our ability to read and write using musical notation.
- Playing and performing in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.
- Appreciating music on the theme of happiness.
- Listening with attention to detail and recall sounds with increasing aural memory.

In PE we will be:

- Using running, jumping, throwing and catching in isolation and in combination. Developing Play Leader Skills.
- Playing competitive games including tennis and hockey and apply basic principles suitable for attacking and defending.
- Developing flexibility, strength, technique, control and balance through gymnastics.
- Performing dances using a range of movement patterns