

## Vocabulary

<b>prefix</b>	A group of letters that change the meaning of a word when they are added to the start.
<b>suffix</b>	A letter or group of letters that goes on the end of a word and changes the word's meaning.
<b>circumference</b>	The distance around the edge of a circle (or any curvy shape).
<b>radius</b>	The distance from the centre to the circumference of a circle
<b>diameter</b>	The distance from one point on a circle through the centre to another point on the circle.
<b>oxygen</b>	Is vital for respiration, which is the process that transfers energy from glucose to cells.
<b>carbon-dioxide</b>	A colourless, odourless gas otherwise known as CO <sub>2</sub> , that is produced through combustion and respiration.
<b>circulatory system</b>	The system that circulates blood and lymph through the body, consisting of the heart, blood vessels, blood, lymph, and the lymphatic vessels and glands.
<b>algorithm</b>	A process or set of rules to be followed in calculations or other problem-solving operations, especially by a computer
<b>decomposition</b>	Breaking down a complex problem or system into smaller parts that are more manageable and easier to understand

## We are reading

This half term we will be reading and comparing Hamlet and the Lion King.

**Parent Meeting - Wednesday 5<sup>th</sup> January**

## Step back in time

### Year 6 - Oak Class Spring Term 1



## Maths Key Skills

To describe positions on the full coordinate grid (all four quadrants)

To draw and translate simple shapes on the coordinate plane, and reflect them in the axes

To illustrate and name parts of circles, including radius, diameter and circumference and know that the radius is half the diameter.

To multiply simple pairs of proper fractions, writing the answer in its simplest form.

To divide proper fractions by whole numbers and associate a fraction with division and calculate decimal fraction equivalents.

## English Key Skills

To read books that are structured in different ways and identify the key points in a text.

To identify the audience and purpose of the writing.

To choose the appropriate form and register for the audience and purpose of the writing.

To use commas to mark phrases and clauses

To apply knowledge of root words, prefixes and suffixes to read aloud and to understand the meaning of unfamiliar words.

To understand the rules for adding prefixes and suffixes - form verbs with prefixes and convert nouns or adjectives into verbs by adding a suffix.

## Religious Education

We will use the start of the New Year to reflect upon the celebration of Christmas as well as focus on the events of the Epiphany. We will then look at Islam as our World Faith.

## School and Parish Events

- Year 6 SATS and Residential Meeting
- Mosque Visit
- E-Safety Day
- Viking Experience Day
- Borwick Hall residential

## Topic Based Key Skills for the lead subjects this half term

**Science** - To identify and name the main parts of the human circulatory system, and describe the functions of the heart, blood vessels and blood. Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function and describe the ways in which nutrients and water are transported within animals and humans.

**History** - Through the Anglo Saxons and Vikings we will understand how our knowledge of the past is constructed from a range of different sources and that different versions of past events often exist. Use sources as a basis for research from which they will begin to use information as evidence to test hypotheses. Produce detailed structured work to select and deploy information and make appropriate use of historical terminology and contrasting evidence and analyse connections, trends and contrasts over time.

**Computing** - Use technology safely, respectfully and responsibly and know about digital footprints and 'strong' passwords. Develop their computational thinking and demonstrate that they can decompose and evaluate tasks and correct errors in algorithms and programs.

**Physical Health** - PE - Gymnastics

**Mental Health** - HRSE - Growing in Love for family, friends, faith and community.