

# During Year 6 Children will:

## English

To identify the audience and purpose of the writing, selecting the appropriate form and using other similar texts as models for their own.  
To use a wide range of punctuation and sentence structures.  
To sequence and structure writing effectively within and across paragraphs  
To spell Y5/6 common exception words correctly and other words by using patterns they have been taught previously.  
To proof-read own writing for grammatical, spelling and punctuation errors and redraft larger sections to make improvements.  
To read a variety of long texts/novels for understanding and enjoyment.  
To make inferences and use evidence from the text to support ideas.

## Maths

1. To read, write, compare, order and round numbers from 1 million up to 3 decimal places.
2. To use formal written methods for addition, subtraction, long multiplication and long/short division.
3. To multiply and divide numbers by 10, 100 and 1000.
4. To calculate fractions, decimals and percentages using all 4 operations.
5. To calculate the area, perimeter and volume of shapes using formulae.
6. To find missing angles in 2D shapes using reasoning.
7. To plot, read, translate and reflect points/shapes on a four quadrant grid.
8. To present and interpret information in tables, graphs and pie charts.

## Science

1. To plan different types of scientific enquiries answering questions, including controlling variables where necessary.
2. To take measurements, using a range of scientific equipment with increasing accuracy and precision.
3. To make predictions and use the test results to set up further comparative and fair tests.
4. To identify the main parts of the human circulation system.
5. To recognise that living things change and adapt over time.
6. To understand how light travels and is reflected.
7. To represent a simple circuit in a diagram.

## Computing

To present ideas in different forms including text, tables, images and sound.  
To use code to achieve a desired outcome.  
To use the internet safely.

## Religious Studies

1. To describe the key religious beliefs and teachings of Hinduism and Christianity.
2. To explain what inspires or influences people.
3. To understand the creation stories of Christianity and Hinduism.

## French

1. To ask and answer basic questions, including family, colours, hobbies and body parts.

## Music

1. To develop their performance, composing and appraising skills.
2. To recall and perform short songs and sequences.
3. To identify different sound sources, instruments, pace, pulse and pitch.

## Physical Education

1. To develop skills, performance and confidence through Gymnastics, Dance, Games, Athletics, Outdoor Education and Fitness Training.
2. To develop an increased awareness of the importance of physical activity and personal hygiene.

## PSHE

1. To understand how to make sensible choices and how their choices affect others. To recognise dangers and know how to seek help.
2. To develop an awareness of how their bodies will change during puberty.
3. To know that resources can be allocated in different ways and that these economic choices affect individuals, communities and the sustainability of the environment.

## Living Local, Loving Middlesbrough

### Our Coasts

1. To identify coastal features.
2. To show an understanding of the water cycle.
3. To name and locate the 9 geographical regions of England.
4. To sketch maps, graphs and plans.
5. To use four figure grid references to locate topographical features on an Ordnance Survey map.
6. To identify contrasting similarities and differences between the human and physical features of the local area.

## Living in the Past World War 2 in Europe

1. To organise periods in history on a timeline.
2. To compare and contrast trends over time.
3. To explain why some events and some leaders are significant.
4. To identify the two opposing sides in WW2.
5. To describe the role of women in WW2.
6. To look at the effects of rationing during WW2.
7. To empathise with children who were evacuated.

## The World Around Us

### Europe

1. To locate European countries, capital cities, rivers, seas and oceans on maps and atlases.
2. To compare and contrast human features between UK and other European countries.
3. To understand the term latitude and longitude and to be able to relate to the understanding of time zones.

## Weird & Wonderful

1. To select and record using observation, experience and imagination.
2. To create printing blocks.
3. To create prints and use a range of media: pens, inks, paints to improve and refine.
4. To attach materials together using different techniques.

## Our Curriculum Enrichment Topic

This topic changes every year so can tailor and enrich our curriculum by including current themes or events.

This year, the focus of our curriculum enrichment topic will be The Olympics.

## Let's Make It

1. To investigate a range of toys that are controlled by use of a cam.
2. To construct a model that has a cam mechanism to help it move.
3. To use a variety of techniques and equipment to strengthen and improve the appearance of their product.
4. To evaluate their ideas and products against their own design and consider the views of others to help them improve their own work.