

During Year 6 Children will:

English

1. To read with appropriate intonation and summarise what they have read so they can present a familiar story in their own words.
2. In writing they should be able to identify the audience and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own.
3. Children should be able to spell most words correctly by using patterns they have been taught previously.

Maths

1. Understand place value in terms of Th, H, T, & U's.
2. To use fractions in a range of contexts.
3. To perform all calculations with numbers up to 4 digits and 3dp.
4. To use, read, write and convert measures between standard units.
5. Calculate percentages of whole numbers or measures.
6. Solve problems which require answers to be rounded to specified degrees of accuracy.
7. Use simple formula and express missing number problems algebraically.
8. Compare and classify geometric shapes based on their properties and sizes and find unknown angles.
9. To use grids and graphs to solve problems and analyse data.

Science

1. Plan different types of scientific enquiries to answer questions, including recognising and controlling variables where necessary.
2. Take measurements, using a range of scientific equipment, with increasing accuracy and precision, taking repeat readings if appropriate.
3. Use the test results to make predictions to set up further comparative and fair tests.

Computing

1. Develop key questions and find the information to answer them.
2. Develop ideas in different forms including text, tables, images and sound.
3. Begin to learn how to use code to make things happen.

Religious Studies

1. Describe the key religious beliefs and teachings of Hinduism and Christianity.
2. Explain what inspires or influences people.
3. Discuss how do religious people respond to the natural environment?

Music

1. Develop their performance, composing, and appraising skills.
2. Recall and remember short songs and sequences which they perform with expression.
3. Identify: different sound sources, different instruments, and pace, pulse, and pitch.

Physical Education

1. Develop skills, performance and confidence across: Gymnastics, Dance, Games, Athletics, Outdoor Education and Fitness Training.

PSHE

1. Learn to recognise dangers and how to seek help.
2. Develop confidence and independence.
3. Understand how to make sensible choices, and how their choices affect others.
4. 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. Using field fieldwork to observe, measure and record human and physical features in the local area,
2. Using sketch maps, graphs, plans and digital technologies.
3. Using four figure grid references to locate topographical features on an ordinance survey map.
4. Contrasting similarities and differences between the human features of the local area with an area of a European Country.

Living in the Past Exploration & Discovery

1. Learning how knowledge from the past is constructed from a range of sources.
2. Making links between main events, situations and changes within and across different periods.
3. Identifying and giving reasons for, results of, historical events, situations and changes.

The World Around Us

Europe

1. Locating European countries and cities on maps, atlases and globes; focusing on Earthquake zones.
2. Learning about how European cities have changed over time.
3. Learning about distribution of natural resources such as energy, food and water.
4. Understand the term latitude and longitude and to be able to relate to the understanding of time zones.

Weird & Wonderful

1. Selecting and recording from first hand observation, experience and imagination, and exploring ideas for different purposes.
2. Creating printing blocks by simplifying an initial sketch idea using relief or impressed methods.
3. Creating prints with three overlays then use a range of media; pens, inks, paints to improve and refine.

Inside & Out

1. Describing and giving reasons how living things are classified according to common characteristics, based on similarities and differences.
2. Identifying and naming the main parts of the human circulatory system, describing the functions of the heart, blood vessels and blood.
3. Recognising the impact of diet, exercise, drugs and lifestyle on the way their bodies function.

Let's Make It

1. Investigating a range of products that we can control in everyday life.
2. Constructing a model that has a mechanism to help it move.
3. Using finishing techniques to strengthen and improve the appearance of their product, using a range of equipment.
4. Evaluating their ideas and products against their own design and considering the views of others to help them improve their own work.