

## English

### Reading

- Continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks.
- Checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context.

### Writing

- Identifying the audience for and purpose of the writing, selecting the appropriate form and using other similar writing as models for their own.
- In writing narratives, considering how authors have developed characters and settings in what pupils have read, listened to or seen performed
- Selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning.
- Ensuring the consistent and correct use of tense throughout a piece of writing.

### Grammar

- Learning the grammar for year 5 in English Appendix 2.
- Using expanded noun phrases to convey complicated information concisely.

### Speaking & Listening

- Listen and respond appropriately to adults and their peers.
- Ask relevant questions to extend their understanding and knowledge.

## Science

### Biology/Chemistry/Physics

- Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function.
- Identify how animals and plants are adapted to suit their environment in different ways.
- Demonstrate that dissolving, mixing and changes of state are reversible changes
- Use recognised symbols when representing a simple circuit in a diagram.

### Working scientifically

- Pupils will work using methodical scientific procedure. Including – predicting, recording data, gathering data, concluding and reporting on findings.

### Geography

- Understand geographical similarities and differences through the study of human and physical geography of a region of the United Kingdom, a region in a European country, and a region within North or South America.
- Physical geography, including: climate zones, biomes and vegetation belts, rivers, mountains, volcanoes and earthquakes, and the water cycle.

## Music

- Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression.
- Improvise and compose music for a range of purposes using the inter-related dimensions of music.
- Listen with attention to detail and recall sounds with increasing aural memory.

## Mathematics

### Number/Calculation

- Adds and subtracts whole numbers with more than four digits, including using formal written methods (columnar addition and subtraction).
- Solves problems involving multiplication and division including using a knowledge of factors and multiples, squares and cubes.

### Geometry

- Distinguishes between regular and irregular polygons based on reasoning about equal sides and angles.

### Measure

- Converts between different units of metric measure (e.g. kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre).

### Fractions & Decimals

- Reads and writes decimal numbers as fractions e.g.  $0.71 = \frac{71}{100}$ .

### Data

- Completes reads and interprets information in tables, including timetables.

## Computing

- Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour.
- Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts.

## Art & Design

- Improve their mastery of art and design techniques, including drawing, painting and sculpture with a range of materials [for example, pencil, charcoal, paint, clay].
- Learn about great artists, architects and designers in history.

## History

### British History

- A study of an aspect or theme in British history that extends pupils' chronological knowledge beyond 1066.
- Britain's settlement by Anglo-Saxons and Scots.

### Broader History Study

- A non-European society that provides contrasts with British history.

## Design & Technology

- Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work
- Understand and use electrical systems in their products [for example, series circuits incorporating switches, bulbs, buzzers and motors]

## Physical Education

- Play competitive games, modified where appropriate [for example, badminton, basketball, cricket, football, hockey, netball, rounders and tennis], and apply basic principles suitable for attacking and defending.
- Develop flexibility, strength, technique, control and balance [for example, through athletics and gymnastics].
- Perform dances using a range of movement patterns.

## Spanish

- Listen attentively to spoken language and show understanding by joining in and responding.
- Engage in conversations; ask and answer questions; express opinions and respond to those of others; seek clarification and help.
- Develop accurate pronunciation and intonation so that others understand when they are reading aloud or using familiar words and phrases.

## Religious Education

- Faith in Action** – Christians who give their lives to help others.
- Jesus the Teacher** – Stories Jesus told to teach others.
- Leaders** – Looking at key figures in the Bible.
- Churches** – Different worshipping styles and communities.
- Hinduism** – Worship, stories and festivals.
- Islam** – Muslim sacred texts.