

# Upper Key Stage Two Terms 5 and 6 Overview

## Mathematics

### Year 5

- Decimals and Percentages
- Properties of Shape
- Position and Direction
- Converting Units of Measure
- Volume

### Year 6

- Properties of Shape
- Ratio
- Problem Solving
- Statistics
- Investigations

Weekly focus will remain on calculations and basic number.

## Computing

Learning to Code using "Snap" (Y5)

Learning to Code in the language of "Python" (Y6)

Internet Safety Awareness

ICT research and presentation skills linked to topic

Skill: touch typing, use sequence, selection and repetition in programs; use search technologies effectively and be discerning in evaluating digital content

## Smoke and Mirrors

### Literacy

- Apply growing knowledge of root words, prefixes and suffixes.
- Read a wide range of fiction, poetry, plays, non-fiction and reference books.
- Explore and discuss, make predictions and draw inferences from texts.
- Able to retrieve information from a text and begin to think about explaining "why" and "how".
- Write in a range of genres, both fiction and non-fiction.
- Write precise, longer, proofread, passages.
- Enhance writing with changes to vocabulary, grammar and punctuation.
- Use an increasing range of punctuation within sentences e.g. commas, brackets.
- Use paragraphs as a means of organising writing.
- Able to supply detailed verbal instructions, descriptions and explanations.

## Science

### Year 5

#### Properties and Changes of Materials

Skill: Investigations

- Compare and group together everyday materials on the basis of their properties.
- Know that some materials will dissolve in liquid to form a solution.
- Demonstrate that dissolving, mixing and changes of state are reversible.

#### Animals Including Humans

Skill: Recording Data

- Describe the changes as humans develop to old age.

### Year 6

#### Evolution and Inheritance

Skill: Observations

- Fossils as evidence of life millions of years ago and study the life of Mary Anning.
- Compare offspring with parents and see how plants/animals are adapted to habitats.
- Look at Darwin, Wallace and Mendel's contributions to our understanding of evolution.

#### Light

Skill: Recording Data

- Recognising that light appears to travel in a straight line.
- Explain that objects are seen because they give out or reflect light into the eye.

## Art, Design and Technology

Tile designs (William Morris)

Wallpaper design (William Morris)

Sketching trees from life

Pulley systems

Skills: draw, paint and sculpture with a range of materials; know of great artists, architects and designers in history; model and communicate their ideas through discussion and annotated sketches; understand and use mechanical systems

## Music

### Year 5

Soul - "Dancing in the Street"

### Year 6

Ballad - "You've Got a Friend"

Skill: listen to, review and evaluate music; listen with attention to detail; play and perform in solo and ensemble contexts using voices

## Geography

Map Mastery

- Naming and locating counties and cities in the U.K, key topographical features (including hills, mountains, coasts and rivers).
- Investigating physical features in the local area using a range of methods, including sketch maps, plans and graphs.
- Human geography to include economic activity trade links and the distribution of natural resources.

## MFL (French)

Food and drink (requests and opinions)

Numbers 1-20

Skill: engage in conversations; speak in sentences; show understanding of words, phrases and simple writing; write phrases from memory and adapt these

## PSHE

Relationships - Focus on personality, rights & responsibilities and on our mental health and how to take care of it

Changing me - Know how girls' and boys' bodies change during puberty. Know that sexual intercourse can lead to conception.

## History

Industrial Revolution: a significant turning point in British history

- Changes in society
- Geographical changes
- Transport developments
- Local impact

Skill: develop the appropriate use of historical terms; address questions about change, cause, similarity and difference, significance; understand how our knowledge of the past is constructed from a range of sources

## PE

Term 5

REAL PE - Unit 5 Health and Fitness with a physical focus on static balance (small base and co-ordination)

Term 6

REAL PE - Unit 6 Personal Skills with a focus on agility including ball chasing and co-ordination with equipment

Cricket Coaching

Athletics Skills

## RE

Making Moral Choices (Y5)

Skill: understanding and appreciating moral values; being able to form own moral values

What Do We Believe About Life? (Y6)

Skill: reflect on feelings associated with changes in life