

Curriculum Overview for Year 6

Autumn

- Exploring a range of texts
- See Spelling Bank
- Grammar
- Punctuation
- Reading – decoding and comprehension
- Handwriting
- Speaking and Listening

English

Spring

- Harry Potter
- See Spelling Bank
- Grammar
- Punctuation
- Reading – decoding and comprehension
- Handwriting
- Speaking and Listening

Summer

- Stig of the Dump
- Holes
- See Spelling Bank
- Grammar
- Punctuation
- Reading – decoding and comprehension
- Handwriting
- Speaking and Listening

Art & Design Technology

Autumn

- To devise and use step by step plans
- Gather information to suggest solutions to problems
- Test and evaluate work and improve on it

Spring

- Respond to identified needs, wants and opportunities with informed designs and products

Summer

- Work with a variety of tools and materials
- Consider the needs of users when designing and making

Computing

Autumn

- Use sequence, selection and repetition in programs
- Use logical reasoning to explain how algorithms work

Spring

- Understand computer networks
- Use search technologies effectively
- Select, use and combine a variety of Software on a range of digital devices

Summer

- Solve problems by decomposing them into smaller parts
- Use technology safely and responsibly
- Evaluate digital content

Mathematics

Spring

- Identify the value of each digit to three decimal places and multiply and divide numbers by 10, 100, 1000 where the answers are up to three decimal places
- Solve problems involving addition, subtraction, multiplication and division.
- Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.
- Problem Solving(weekly)

Summer

- Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places where appropriate
- Solve problems involving the calculation of percentages and the use of percentages for comparison.
- Multiply multi digit numbers up to 4 digits by a two-digit whole number using the formal written method of long multiplication.
- Calculate and interpret the mean as an average
- Problem Solving (weekly)

PE

Autumn

- Football
- Athletics

Spring

- Gymnastics
- Netball

Summer

- Golf
- Cricket

RE

Autumn

- What does It mean to be a Sikh?
- Christmas

Spring

- Can charity change the world?
- Easter

Summer

- What is compassion?
- What is important to Christians?

Autumn

- Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit.
- Solve addition and subtraction multi step problems in contexts, deciding which operations and methods to use and why.
- Multiply multi-digit numbers up to 4 digits by a two-digit whole number.
- Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons.
- Problem Solving (weekly)

Geography

Spring

- Collect and record evidence to answer geographical questions
- Use geographical vocabulary to describe and interpret surroundings
- Use maps and plans at a variety of scales

Summer

- Use instruments to make measurements
- Use appropriate techniques to gather information
- Communicate geographical understanding in a variety of ways

Science

Autumn

- Light travelling in straight lines
- Reflection of light and light from objects
- Shadows and their shapes
- Relationship between light, objects and shadows
- Rainbows and light in water
- Electricity and how to use it safely
- Creating a range of different circuits and explaining how they work
- Drawing circuits and using the correct symbols
- Understanding voltage and the effects on a circuit

Science

Summer

- Animals including humans
- Skeleton/ muscular and digestive systems
- The heart and its function
- Lungs and their function
- Blood and blood vessels
- Transportation of nutrients and water
- Impact of diet and exercise and how the body functions
- Impact of drugs and lifestyle on the body

History

Autumn

- Find out about the past from a range of sources
- Describe and identify reasons for historical events
- Place events, people and changes on a timeline

Spring

- Enquire into historical issues and their effects on people's lives
- Communicate understanding in a variety of ways

Science

Spring

- Living things and their habitats
- Different living things and their groups
- Animal classification system – vertebrate and Invertebrates
- Classification of plants and micro – organisms
- Classifications of plants and animals in the local environment
- Evolution and inheritance
- Changes of living things over time
- Offspring and characteristics
- Animals adapting to suit their environment

Visits and visitors

Autumn

- Media museum

Spring

- Warley village

Summer

- Blackpool Zoo
- Residential

