

English

Reading

- Provide reasoned justifications for their views
- Retrieve, record and present information from non-fiction
- Drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence

Writing

- In a narrative poem, describe settings, characters and atmosphere in the style of The highwayman poem.
- Know the key features of a newspaper and use them to write a newspaper report.
- Know grammatical structures that reflect what the writing requires.
- Know and use a range of cohesive devices within and across sentences and paragraphs.
- Know verb tenses and use them consistently and correctly.
- Use KS2 punctuation mostly correctly

DT Design and make an alarm.

Link with Science electricity topic.

- Know how to evaluate designs and be able to suggest improvements.
- Know how to carry out effective research to inform plans and ideas.
- Know which materials to use based on their design and the properties of the materials.
- Know how to use all tools correctly and safely.
- know how to incorporate an electrical circuit with a switch

Key Vocabulary: electrical component

ART

Study of illustrations of the Highwayman poem by Charles Keating and graffiti work by Banksy

- Know the style of art used and how it has been influenced by a famous artist.
- Know how to use a full range of pencils, charcoal or chalk/pastels when drawing.
- Know how to create light and shadow.
- Be skilled in creating a variety of different marks that combine to make a finished drawing.
- Know how to create different effects (including mood, perspective, movement and reflection)

Key Vocabulary: acrylic, cross-hatch, sketch

Music

- Performance— Sing up concert
- To know how to change sounds or organise them differently to change the effect
- To use notations to record groups of pitches (chords).
- To know how to choose the most appropriate tempos for a piece of music.

Key Vocabulary: pentatonic scale, pitch, chord, tempo

Maths

- Use common factors to simplify fractions; use common multiples to express fractions in the same denomination
- Compare and order fractions, including fractions
- Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions
- Multiply simple pairs of proper fractions, writing the answer in its simplest form
- Divide proper fractions by whole numbers
- Associate a fraction with division and calculate decimal fraction equivalents for a simple fraction.
- Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1,000 giving answers up to three decimal places
- Multiply one-digit numbers with up to 2 decimal places by whole numbers
- Use written division methods in cases where the answer has up to 2 decimal places
- Solve problems which require answers to be rounded to specified degrees of accuracy

Science - Electricity and Light

- Compare and give reasons for why components work and do not work in a circuit
- Draw circuit diagrams using correct symbols
- Know how the number and voltage of cells in a circuit links to the brightness of a lamp or the volume of a buzzer
- Know how light travels
- Know and demonstrate how we see objects
- Know why shadows have the same shape as the object that casts them
- Know how simple optical instruments work e.g. periscope, telescope, binoculars, mirror, magnifying glass etc.

Key Vocabulary: Light, straight lines, light rays, circuit, complete circuit, circuit diagram, circuit symbol, cell, battery, bulb, buzzer, motor, switch, voltage



Computing - programming

- Design algorithms that use repetition and 2-way selection
- Write a program that combines more than one attribute
- Develop a program that has specific variables identified

Internet safety:

- Understand that they have to make choices when using technology and that not everything is true and/or safe
- Be increasingly aware of the potential dangers in using aspects of IT and know when to alert someone if feeling uncomfortable

Key Vocabulary: algorithm repetition attribute variable

Geography - natural resources

- Know some of Britain's natural resources and explain how they are used.
- Know some clean and renewable natural resources used to produce electricity, and to discuss the pros and cons of their use.
- Know where and how steel, wood and glass are produced.

Key Vocabulary: renewable, sustainable, resource, natural man-made, produced, imported, exported

History - crime and punishment through the ages

- Know how crimes and punishments have changed over time and make links to how society changed.
- Know the difference between Primary and Secondary evidence.

Key Vocabulary: Victorian, Roman, medieval, highwayman, jury, judge, trial, lawyer, magistrate, transportation, pillory, democracy

PE - Working together to create counter balances

- Negotiate and collaborate appropriately
- To help organise roles and responsibilities and guide a small group through a task
- I cooperate well with others and give helpful feedback

PE - basketball

- To use running, jumping, throwing and catching in isolation and combination
- To move with a ball in opposed situations, keeping possession and understand how to attack and defend in a small sided game
- To take part in a conditioned game with a strong understanding of tactics and rules and use this to help improve performance

RE

- Make connections between Jesus' good news and how Christians live this out in their individual lives and in the wider community
- Know what Christians mean when they talk about Jesus' death being a sacrifice