

In Maths pupils will be taught to:

- **Year 3:** tell and write the time from an analogue clock, including using Roman numerals from I to XII, and 12-hour and 24-hour clocks
- estimate and read time with increasing accuracy to the nearest minute; record and compare time in terms of seconds, minutes, hours and o'clock; use vocabulary such as a.m./p.m., morning, afternoon, noon and midnight
- compare durations of events, for example to calculate the time taken by particular events or tasks.

know the number of seconds in a minute and the number of days in each month, year and leap year-(display)

- interpret and present data using bar charts, pictograms and tables solve one-step and two-step questions such as 'How many more?' and 'How many fewer?' using information presented in scaled bar charts and pictograms and tables
- draw 2-D shapes and make 3-D shapes using modelling materials; recognise 3-D shapes in different orientations; and describe them
- recognise angles as a property of shape
- identify right angles
- identify whether angles are greater than or less than a right angle
- identify horizontal and vertical lines and pairs of perpendicular and parallel lines

Year 4:

- convert between different units of measure (e.g. kilometre to metre; hour to minute) ; estimate, compare and calculate different measures, including money in pounds and pence
- measure and calculate the perimeter of a rectilinear figure (including squares) in centimetres and metres
- find the area of rectilinear shapes by counting
- read, write and convert time between analogue and digital 12 and 24-hour clocks

solve problems involving converting from hours to minutes; minutes to seconds; years to months; weeks to days.

- compare and classify geometric shapes, including quadrilaterals and triangles, based on their properties and sizes

Phase Two

Spring Term 1 coverage

Topic: The Triple Trawler Disaster

In History, pupils will be taught to:

- Suggest causes and consequences of some of the main events and changes in history.
- Compare some of the times studied with those of other areas of interest around the world.
- Describe the social, ethnic, cultural or religious diversity of past society.
- Describe the characteristic features of the past, including ideas, beliefs, attitudes and experiences of men, women and children.

In Science, pupils will be taught to:

- identify how sounds are made, associating some of them with something vibrating
- that vibrations from sounds travel through a medium to the ear
- find patterns between the pitch of a sound and features of the object that produced it
- find patterns between the volume of a sound and the strength of the vibrations that produced it
- recognise that sounds get fainter as the distance from the sound source increases.

In Literacy, pupils will be taught to read by:

- applying their growing knowledge of root words, prefixes and suffixes both to read aloud and to understand the meaning of new words they meet
- listening to and discussing a wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
- preparing poems and play scripts to read aloud and to perform, showing understanding through intonation, tone, volume and action
- discussing words and phrases that capture the reader's interest and imagination
- recognising some different forms of poetry

Pupils will be taught to draft and write by:

- composing and rehearsing sentences orally (including dialogue), progressively building a varied and rich vocabulary and an increasing range of sentence structures
- organising paragraphs around a theme
- using conjunctions, adverbs and prepositions to express time and cause
- using fronted adverbials
- indicating possession by using the possessive apostrophe with plural nouns
- using and punctuating direct speech
- use the diagonal and horizontal strokes that are needed to join letters and understand which letters, when adjacent to one another, are best left unjoined

In Art, pupils will be taught to:

Sculpture

- Create and combine shapes to create recognizable forms (e.g. shapes made from nets or solid materials.)
- Include texture that conveys feelings, expression or movement.
- Use clay and other mouldable materials.
- Add materials to provide interesting effects.

Digital media

- Create images, video and sound recordings and explain why they were created.
- Colour fabric.
- Make precise repeating patterns.

P.E.

In Gymnastics, pupils will be taught to: develop flexibility, strength, technique, control and balance and compare their performances with previous ones and demonstrate improvement to achieve their personal best.

In Badminton: play competitive games, modified where appropriate and apply basic principles suitable for attacking and defending

In Year 4, pupils will be taught to:

- swim competently, confidently and proficiently over a distance of at least 25 metres
- use a range of strokes effectively [for example, front crawl, backstroke and breaststroke]
- perform safe self-rescue in different water-based situations.

In Computing pupils will be taught to communicate to collect.

Devise and construct databases using applications designed for this purpose in areas across the curriculum

Describe how internet search engines find and store data; use search engines effectively; be discerning in evaluating digital content; respect individuals and intellectual property; use technology responsibly, securely and safely.

Select, use and combine a variety of software (including internet services) on a range of digital devices to accomplish given goals, including collecting, analysing, evaluating and presenting data and information.