

Year 3 Curriculum

SPRING TERM

MATHS

- Length— Exploring metres and centimetres before moving on to kilometres. Measuring different items using centimetres, metres and kilometres. Converting different units of measurement as well as comparing different lengths. Developing problem solving skills involving length, using the bar model method for visualisation.
- Mass — Measuring mass using scales and looking at different units to measure mass, specifically grams and kilograms. Reading weighing scales that have different values for each marking. Solving basic problems which will extend to more challenging word problems. There will also be more exposure to bar modelling, which will be the key strategy used to solve the word problems.
- Volume — measuring volume using millilitres and litres. Solving various problem-solving questions on volume and capacity.
- Time—Telling the time using 'a.m.' and 'p.m.', telling time to the minute, using analogue and digital time, and telling time by using both the minute and hour hands. Using the 24-hour clock and clocks using Roman numerals. Measuring and comparing time in seconds, minutes and hours, and finding start times and end times. Converting units of time and finding a number of days in lengths of time.

DT:

Food preparation, cooking and nutrition.
Preparing from scratch a healthy meal.

ART

Landscape art— learning about key landscape artist Bob Ross; exploring features of landscape art; recognising shapes typical to landscape art; sketching outlines; noticing colours used in landscape art; planning, creating and evaluating a piece of landscape art.

RE

- Journeys — the children will understand the Christian family's journey with Jesus.
- Eucharist— the children learn that Jesus gives himself to us in a special way.
- Easter — the children will develop greater understanding of how Lent is a time to remember Jesus' total giving.

PE:

- Developing fitness through gym, ball and defence activities and dance

GEOGRAPHY

- Map skills —Comparing old and new maps; developing geographical skills; using appropriate vocabulary; using atlases begin to understand scales; showing routes on maps and use keys.
- Comparison study between Europe and America — locating the 7 Wonders of the Modern World on a map; recognising the continents of Europe and America; comparing the physical and human geography of England, Mexico and Iceland.

SCIENCE

- Plants — labelling and understanding the parts of a plant; exploring what plants need in order to grow healthily; understanding how water is transported through plants; knowing the lifecycle of a plant; explaining how seeds are dispersed.
- Animals, including humans — developing knowledge of nutrition; understanding healthy eating habits; comparing skeletons; naming bones; understanding how muscles work.

English

- Continuing to develop basic skills: ensuring sentences are written using capital letters and full stops.
- 'The Iron Man' by Ted Hughes - science fiction is introduced into a familiar setting. The children will develop empathy and write a new episode for the story.
- *Nose in a book? Eyes on the Game?*—The children will engage in class debates and eventually write their own balanced argument.
- *A selection of poetry* — the children will have fun with word play - exploring tongue twisters, riddles and nonsense poems. The children will learn a short poem and write their own poem.
- 'Where does Water Come From?' - Linked to the water cycle, children will develop understanding of language features and write their own explanation texts.

Grammar— Using fronted adverbials; indicating possession by using the possessive apostrophe; choosing nouns or pronouns appropriately for clarity and cohesion and to avoid repetition; using conjunctions, adverbs and prepositions to express time and cause

Spelling—daily lessons with a focus on frequently used words, prefixes, suffixes and words from the year 3/4 statutory spelling list.

ICT:

- E-safety
- Programming —putting commands into a sequence to achieve an outcome; adding sound; describing algorithms; using repeat commands; testing and debugging.
- Using Microsoft Word —using BBC Dance Mat to develop touch typing skills; creating a word document; incorporating tables into Word; include pictures and animation in a document; using hyperlinks in sites and other documents.

