

Year 5 Information for parents

Parents asked for more information regarding how we assess the children and what the terms Emerging, expected and exceeding mean for each year group.

Emerging— **Yet to be secure** in the end of year expectations.

Expected— Secure in **the majority** of the end of year expectations.

Exceeding— Secure in **all the end of year expectations** and is able to use and apply their knowledge and skills confidently.

Each child is assessed in terms of how well (emerging, expected or exceeding) they have achieved in **all of the objectives** for each subject.

Paddling

(emerging)

Snorkelling

(expected)

Diving

(exceeding)



We also enclose what areas the children cover for English, maths and science.



English in Year 5

During Year 5, children will be studying one or more of the following topics:

- Stories by significant authors
- Fables, myths and legends
- Stories from other cultures
- Older literature
- Stories and film
- Drama
- Poetry and poetic styles
- Persuasive writing
- Recounts

Reading in Year 5:

- continue to read an increasingly wide range of fiction, poetry, plays and non-fiction texts
- read fiction texts both modern and old, and from other cultures and traditions
- prepare poems and plays to read aloud and to perform, showing understanding through intonation and volume
- infer characters' feelings from their actions and justifying inferences with evidence
- discuss how authors use figurative language
- distinguish between fact and opinion

Writing in Year 5:

- use further prefixes and suffixes and understand the guidance for adding them (find out more about Y5 spelling patterns and rules in our parents' guide)
- spell some words with silent letters
- learn the spelling of more difficult homophones (words which sound the same but are spelt differently)
- use a dictionary and a thesaurus
- use adverbs and adverbials to explain how something is being done
- write with neat, legible handwriting; write with increasing speed
- use brackets, dashes or commas to indicate parenthesis
- use commas to clarify meaning or avoid ambiguity
- learn to select appropriate grammar and vocabulary
- describe settings, characters and atmosphere in narratives and integrate dialogue
- carefully structure texts with a range of organisational devices, including time connectives, paragraphs, headings, bullet points, underlining
- assess and improve the effectiveness of their writing
- use modal verbs effectively



Maths in Year 5

Year 5 maths:

Number and place value

- Reading, writing, ordering and comparing numbers to at least 1,000,000
- Counting forwards and backwards with positive and negative numbers
- Rounding any number up to one million to the nearest 10, 100, 1000, 10,000, 100,000

Calculating

- Adding and subtracting with numbers up to four digits using column addition and subtraction
- Identifying factors and multiples of different numbers
- Identifying prime numbers
- Multiplying four-digit numbers with two-digit numbers using long multiplication
- Dividing four-digit numbers by one-digit numbers using short division
- Multiplying whole numbers and decimals by 10, 100 and 1000
- Recognising and using square numbers and cube numbers
- Solving problems involving all four operations

Fractions, decimals and percentages

- Comparing and ordering fractions whose denominators are all multiples of the same number
- Converting from mixed numbers to improper fractions
- Adding and subtracting fractions whose denominators are multiples of the same number
- Multiplying proper fractions and mixed numbers by whole numbers
- Rounding decimals with two places to the nearest whole number and to one decimal place
- Comparing numbers with up to three decimal places
- Beginning to understand percentages
- Knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$ and $\frac{4}{5}$

Measuring

- Converting between units of measurement
- Working out the perimeter and area of shapes (including irregular shapes)
- Solving problems involving money and measures
- Solving problems involving converting between units of time

Geometry

- Drawing and measuring angles
- Finding angles around a point, on a straight line and within a right angle

Statistics

- Solving comparison, sum and difference problems using information presented in a line graph
- Completing and interpreting information in tables, including timetables



Science in Year 5

Your guide to what's covered in the year 5 science curriculum.

In Year 5 science, your child will develop their working scientifically skills by being encouraged to ask and answer questions about scientific concepts and then carry out investigations to find out the answers. In doing this they will:

- plan different types of scientific enquiry, including, understanding what variables are and how to control them.
- take measurements from a range of equipment, understanding the need for repeated measures to increase accuracy.
- gather and record data using labels, classification keys, tables, scatter graphs, bar and line graphs.
- use test results to make predictions to set up further comparative and fair tests.
- make conclusions on the test carried out, orally and in writing.
- identifying scientific evidence that is used to support or refute ideas.

Year 5 science topics

Living things, their habitats and life cycles

- describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird.
- describe the process of reproduction in some plants and animals.

Animals, including humans

- describe the changes as humans develop to old age.
- learn about puberty and when and why this occurs. They cover in SRE so don't repeat it in science
- compare gestation (pregnancy) periods of different animals.

Properties and changes of materials

- compare and group materials based on their properties of hardness, solubility, transparency, conductivity and response to magnets.
- dissolve materials and then recover a substance from the solution made.
- separate materials by filtering, sieving and evaporating.
- look at ways materials can be changed and whether these changes are reversible or not.
- explain that some changes result in the formation of new materials and this is not usually reversible.

Earth and space

- describe the movement of the Earth and other planets in relation to the sun.
- describe the movement of the moon relative to the Earth.
- understand how day and night are caused by the Earth's rotation.

Forces

- explain that unsupported objects fall towards Earth because of the force of gravity
- investigate the forces of gravity, air resistance, water resistance and friction.
- understand that levers, pulleys and gears allow a smaller force to have a greater effect.