



How can you support your child at home?

Year 4 curriculum Spring Term

Maths



Times Tables

Children need to know their Times Tables fluently. All children have access to Times Tables Rockstars. Every child in year 4 has a login for this in their planners. Please ensure that the children are using this regularly. By the end of year 4, children are expected to know all of the times tables: 2, 5, 10, 3, 4, 8, 6, 7, 9, 11, 12 and they will sit a multiplication test online in June 2022.



My Maths

All children in year 4 have a login for My Maths in their planners. The children can access lessons online as well as the homework sheets that teachers assign for them. There are also some fun maths games for the children to play and learn! Have an explore and see the different lessons you can learn.



In the Spring Term we will cover; multiplication and division, fractions, decimals and area.

Multiplication and Division	Fractions	Decimals
<ul style="list-style-type: none">11 and 12 times-tableMultiply 3 numbersFactor pairsMultiply and divide 2-digits by 1-digitMultiply and divide 3-digits by 1-digit	<ul style="list-style-type: none">Count in tenthsEquivalent fractionsCount in fractionsAdd and subtract fractionsFractions of a set of objectsCalculate fractions of a quantity	<ul style="list-style-type: none">Recognise tenths and hundredthsTenths and hundredths as decimalsDivide 1 or 2 digits by 10Divide 1 or 2-digits by 100

Area
<ul style="list-style-type: none">What is area?Counting squaresMaking shapesComparing area

Reading



Reading is still the most important part of the curriculum! It comes into every element of the curriculum, including maths. We use an online reading website called Epic, where the children can read books online and check their understanding by completing a quiz about the books.



In year 4, we also use Reading Plus, which is a reading app that supports fluency, comprehension, vocabulary, stamina, and motivation.



Topic

Spring 1: Misty Mountains, Windy Rivers

Spring 2: Groundbreaking Greeks

Purple Mash

You can use purple mash to research your current topics.



Science

Spring 1 - Solids, liquids and gases

- compare and group materials together, according to whether they are solids, liquids or gases
- observe that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)
- identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature



Spring 2 - Electricity

- identify common appliances that run on electricity
- construct a simple series electrical circuit, identifying and naming basic parts, including cells, wires, bulbs, switches and buzzers
- identify whether or not a lamp will light in a simple series circuit, based on whether or not the lamp is part of a complete loop with a battery
- recognise that a switch opens and closes a circuit and associate this with whether or not a lamp lights in a simple series circuit
- recognise some common conductors and insulators, and associate metals with being good conductors

