



How can you support your child at home?

Year 6 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 6 has a login for this in their homework planner. Please ensure your child is using this regularly.



My Maths

All children in Year 6 have a login for My Maths in their homework planner. The children can access lessons online as well as the homework tasks their teacher assigns to them. There are also some fun maths games for the children to play and learn! Have an explore and see the different maths topics you can learn.



In the Spring Term we will cover; decimals, fractions, percentages, measures, area & volume, ratio and algebra.

Decimals	Fractions	Percentages	
<ul style="list-style-type: none"> Understanding place value of decimals up to thousandths Ordering decimals Multiply decimals by an integer Divide a decimal by an integer Converting decimals to fractions and percentages 	<ul style="list-style-type: none"> Converting fractions to decimals Converting fractions to percentages Ordering fractions Equivalent fractions 	<ul style="list-style-type: none"> Converting percentages to fractions Converting Fractions to decimals Find percentages of an amount 	
	Area and Volume	Algebra	
<th>Ratio</th> <td> <ul style="list-style-type: none"> Area of a triangle Area of a parallelogram Volume—counting cubes Volume of a cuboid </td> <td> <ul style="list-style-type: none"> Finding a rule Forming Expressions Substitution Formulae Solving simple equations </td>	Ratio	<ul style="list-style-type: none"> Area of a triangle Area of a parallelogram Volume—counting cubes Volume of a cuboid 	<ul style="list-style-type: none"> Finding a rule Forming Expressions Substitution Formulae Solving simple equations
<ul style="list-style-type: none"> Calculating Ratio Scale Factors 			

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.



epic!

In year 6, we also use Reading Plus, which is a reading app that supports fluency, comprehension, vocabulary, stamina, and motivation.



reading plus

Topic

Spring 1: Child's War (World War 2)

Spring 2: Darwin's Delight (Evolution & Inheritance)

Purple Mash

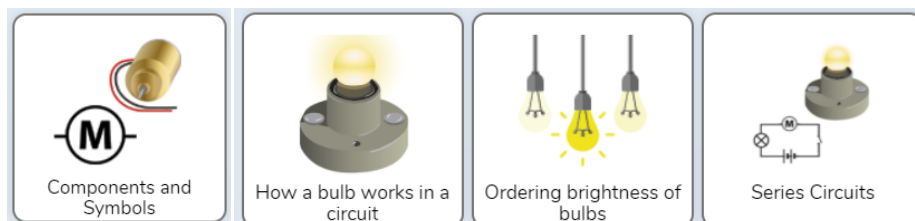
You can use purple mash to research your current topics.



Science

Spring 1 - Electricity

- use recognised symbols when representing a simple circuit in a diagram
- associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
- plan different types of scientific enquiries to answer their own or others' questions, including recognising and controlling variables where necessary



Spring 2 - Evolution and Inheritance

- recognise that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago
- recognise that living things produce offspring of the same kind, but normally offspring vary and are not identical to their parents
- identify how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution

