

MathsChildren will:

- Be introduced to ratio symbols
- Use scale factors
- Solve problems using ratio
- Work with missing number problems
- Solve up to 2-step problems algebraically
- Use function machines to solve equations
- Form equations
- Solve 1 and 2 step algebraic equations
- Solve problems using algebra
- Learn to add and subtract decimals
- Multiply and divide by 10, 100, and 1000
- Multiply and divide decimals by integers

So that they...

Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts.

Generate and describe linear number sequences.

Find pairs of numbers that satisfy an equation with two unknowns.

Express missing number problems algebraically.

Solve addition and subtraction multi-step problems in contexts, deciding which operations and methods to use and why.

ScienceChildren will:

- Identify and name the main parts of the human circulatory system
- describe the functions of the heart, blood vessels and blood
- Recognise the impact of diet, exercise, drugs and lifestyle on the way their bodies function
- Describe the ways in which nutrients and water are transported within animals, including humans.

So that they...

grasp how their bodies work and the importance of maintaining a healthy lifestyle

recognize how diet, exercise, and lifestyle impact their bodies are empowered to make informed choices to support their long-term health and well-being.

PSHEChildren will:

- Explore their dreams and goals
- Find strategies to motivate themselves to succeed
- Identify problems in the world with an aim to make a difference
- Recognise their achievements

So that they...

understand what it is to be them in their world

GeographyChildren will:

- Understand what plastic waste is
- Identify different ways our school can reduce plastic waste
- Plan and carry out effective ways to reduce plastic waste in school
- Record and evaluate the effectiveness of reducing plastic waste in school
- Gather evidence to back up opinions
- Demonstrate learning around sustainability

So that they...

know what sustainability means and why it is important for protecting the Earth's resources.

understand how everyday choices, such as using energy, reducing waste, and recycling, can help or harm the environment.

explain how sustainable actions can reduce pollution, save resources, and support a healthier planet for future generations.

EnglishChildren will:

- Read and analyse 'The Arrival' by Shaun Tan, 'Windrush Child' by Benjamin Zephaniah and 'Can We Save The Tiger' by Martin Jenkins
- Plan and write a narrative re-telling for 'The Arrival'
- Read a variety of fiction and non-fiction texts and answer comprehension questions precisely and in a timely manner
- Understand the purpose and audience of different genres
- Learn and apply a range of Y6 grammar and spelling techniques
- Improve the legibility of their handwriting and accuracy of spelling
- Proofread, edit, and improve their writing according to Y6 expectations

So that they...

enjoy reading

develop and apply key reading skills

improve their reading fluency and stamina

answer comprehension questions with accuracy

write competently

consider the purpose and audience when planning their writing

recognise and self-select features suitable for different genres

Migration and Movement

REChildren will:

- Learn about creation stories
- Explore core beliefs in different religions

So that they...

understand how people from different religions believe the world was created

compare similarities and differences between the creation

DTChildren will:

- explore how to reinforce a beam (structure) to improve its strength.
- design and build a spaghetti / wooden truss bridge.
- evaluate their truss bridge.

So that they...

Can describe how supporting shapes can help increase the strength of the bridge, allowing it to hold more weight.

Physical EducationChildren will:

- Take part in dance lessons (**Monday**)
- Take part in basketball (**Wednesday**)

So that they...

develop physical skills, fitness, confidence, and the ability to work well with others. These activities will also help them express themselves creatively, learn rules and sportsmanship.

ComputingChildren will:

- be introduced to the micro: bit as an input, process, output device that can be programmed
- develop their programs to update the variable by moving their micro:bit
- Design a functioning step counter

So that they...

Combine appropriate blocks to implement their algorithm

Suggest a strategy to fix the code when it is not working

Run their code on the emulator (for minor changes)

Evaluate how successfully they met the task

How You Can Help and Information for Parents

Well done to everyone who is regularly completing their homework and reading at home. © Please remember, your child should be reading every day.