

English

- Children will:
- Read 'The Tempest' and 'Percy Jackson and the Lightning Thief'
 - Read a variety of fiction and non-fiction texts and answer comprehension questions
 - Understand the purpose and audience of different genres
 - Plan and write a playscript based on 'The Tempest'
 - Perform their playscript.
 - Plan and write a mythical narrative for 'Percy Jackson and the Lightning Thief'
 - Improve the legibility of their handwriting
 - Proofread, edit, and improve their writing according to Y5 expectations

So that they...
 enjoy reading
 develop and apply key reading skills and learning behaviours
 improve their reading fluency and stamina
 answer comprehension questions with precision
 adjust their writing and speaking style to suit different purposes
 have a bank of interesting vocabulary to help make their writing even better

Computing

- Children will:
- Review an existing website (navigation bars, header)
 - Create a new blank web page
 - Change the appearance of text
 - Add text to a web page
 - Set the style of text on a web page
- So that they...
 start to recognise that web pages: can contain different media types and are written by people.
 recognise that there are a set of hyperlinked web pages.
 recognise components of a web page layout.
 consider the ownership and use of images (copyright).

History

- Children will...
- place the Titanic disaster in chronological order and explain its causes and consequences.
 - use historical terms accurately and ask questions about change, cause, similarity, difference, and significance.
 - select and organise information from sources such as eyewitness accounts and photographs.
- So that Children can
 explain how historians use evidence to learn about the Titanic and why it is still remembered today.

PSHE

- Children will:
- Identify goals for the year
 - Know that there are universal rights for all children but for many children these rights are not met
 - Feel welcome and valued
 - Explore choices, consequences and rewards
 - Understand democracy and having a voice and their impact on the school community
- So that they...
 understand what it is to be them in their world
 understand what it means to be a role-model

AUTUMN 2

Science

- Children will:
- Compare and group together everyday materials by their properties, including their hardness, solubility, transparency, conductivity (thermal), and response to magnets.
 - Know that some materials will dissolve in liquid to form a solution and describe how to recover a substance from a solution.
 - Use knowledge of solids, liquids and gases to decide how mixtures might be separated, including through filtering, sieving and evaporating.

So that they can:
 give reasons, based on evidence from comparative and fair tests, for the particular uses of everyday materials, including metals, wood and plastic.
 demonstrate that dissolving, mixing and changes of state are reversible changes.

Physical Education

- Children will have:
- Indoor - Gymnastics (Thursday)
 - Outdoor - Basketball (Friday)
- So that they...
 know how to jump and land safely
 know how to include a change of speed in their movements
 know how 'marking,' is used during a game and when this is applied.
 know how to move the ball up the court, creating an attack that results in a successful shooting opportunity.

Maths

- Children will:
- Multiply and divide whole numbers by 10, 100 and 1000
 - Know and use the vocabulary of prime numbers, prime factors and composite (non-prime) numbers
 - Know and use the vocabulary of square and cubed numbers
 - Add and subtract fractions with different denominators
 - Convert improper fractions and mixed numbers
 - Add and subtract mixed numbers and fractions

So that they...
 deepen and extend their knowledge and understanding of fractions
 extend their understanding of the number system and place value
 calculate numbers more efficiently
 apply their learning to solve problems and think flexibly and fast!

RE

- Children will:
- Explore why rules matter and what role religion has in maintain law and order.
 - Examine the guiding principles for living according to Humanist, Islamic, Christian, and Hindu beliefs.
 - Exploring discussions and drama about good and bad, right and wrong.

So that they...
 gain an understanding of expressing their own values while respecting the values of others
 explore what matters most to themselves
 know that people of different faiths and beliefs share some values and have different ones.

DT

- Children will...
- Identify simple circuit components with a basic explanation of their function.
 - Explain that a series circuit is assembled in a loop to allow the electricity to flow along one path.
 - Describe a motor as a circuit component that changes electrical energy into movement.

So that they...
 provide examples of motorised products that use movement to rotate or spin different parts.
 remove and replace different parts of a Doodler

