

Maths

Children will:

- Explore the relationship between fractions, decimals and percentages
- Order and compare decimals with up to 3 decimal places
- Understand percentages
- Continue to practise mental arithmetic strategies
- Develop maths mastery through problem solving and reasoning questions
- Find perimeter of rectangles, rectilinear shapes and polygons
- Work out the area of shapes

So that they...

deepen and extend their knowledge and understanding of fractions.
 extend their understanding of the number system and place value, including decimal numbers.
 understand a wide range of complex mathematical concepts and solve problems using a variety of skills and knowledge.
 work quickly and efficiently.
 measure and calculate the perimeter of shapes

Physical Education

Children will:

- Take part in Badminton (**Indoor on Thursday**)
- Take part in Rounders (**Outdoor on Wednesday**)

So that they...

will be able to execute the backhand and forehand technique with accuracy and consistency.
 will be able to use and apply the serve in games
 will be able to apply refined fielding skills, (accurate throwing, catching and retrieving skills) will be in order to prevent the batters from scoring.

Science

Children will:

- Learn about **Animals, including humans (growing up)**
- Describe the major stages of a human life
- Learn the rapid changes that happen in the first year of human life
- Explore the effects of old age on the human body.
- Learn about the gestation period of humans.

So that they...

can order and name the stages of human development.
 can explain the changes that occur during the stages of human development.
 can compare graph types and select which is most appropriate for their data.
 can analyse and report findings in written explanations.
 can name the eight stages of human development.

English

Children will:

- Read 'Suffragette The Battle For Equality' by David Roberts and 'Curiosity- The Story of a Mars Rover' by Markus Motum
- Read a variety of fiction and non-fiction texts and answer skills based questions as well as comprehension questions
- Understand the purpose and audience of different genres
- Plan and write an extended story following the style of an author and an expanded explanation text based on 'Curiosity- The Story of a Mars Rover'
- Learn and apply a range of Y5 grammar and spelling techniques
- Improve the legibility of their handwriting and accuracy of spelling
- Proofread, edit, and improve their writing according to Y5 expectations

So that they...

develop and apply key reading skills
 improve their reading fluency and stamina
 consider the purpose and audience when planning their writing
 assess the effectiveness of their and other's writing
 develop their ability to communicate clearly and engage the listener.

Mystery and Truth

ART/DT

Children will:

- Mark, saw and cut out the components and supports of their toy with varying degrees of accuracy to the intended measurements
- Follow health and safety rules, taking care with the equipment.
- Attempt a partial assembly of their toys using an exploded diagram following a teacher's demonstration

So that they...

develop a design idea with some descriptive notes
 can explore different cam profiles and choose three for their follower toppers with an explanation of their choices.

RE

Children will:

- Explore the enquiry question: **How can leaders guide and care for their followers?**

So that they...

can examine the concept of freedom and justice
 can compare concepts of justice
 can describe the influence of religious and non-religious world views on the human rights movement
 can examine how the concepts might conflict

History

Children will...

- Learn about the Maya Civilisation
- Find out what made the Maya civilisation so successful
- Find out how we know about the Maya
- Learn how the Maya were ruled

So that they...

can say when the Maya people lived and give some examples of events that happened.
 can say what made the Maya civilisation a success.
 can talk about their farming techniques and who was important in Maya society.
 can talk about how life was different for rich and poor Maya people.
 can describe Maya artefacts and say what they can tell.

Computing

Children will:

- Take part in a Dragon's Den scheme run by HSBC
- Design and develop a project, creating a unique technological item
- Work with their peers to present their design to a panel of judges

So that they...

continue to develop their teamwork and leadership skills
 develop a greater understanding of product design in the computing sector

PSHE

Children will:

- Take responsibility for their health and well-being
- Understand exploitation and build a bank of strategies to avoid being pressurised
- Explore emotional and mental health
- Manage stress and pressure

So that they...

understand what it is to be healthy



Music

Children will:

- Be exploring the composition to represent the festival of colour - Holi festival
- Understand that music can be represented with colours.
- Create a vocal composition based on picture.

So that they...

can suggest colours to match the music and justify their opinions.
 can name the features or the mood of a piece of music.
 can focus on colour as the key idea of the graphic score that they will create.
 will listen to a piece of music and use colours to represent it on the page.