

- Activities**
- Hook - visit from Heathcoat Fabrics re: Perseverance Rover parachute
  - report and present findings from enquiries, including conclusions, causal relationships and explanations of and a degree of trust in results, in oral and written forms such as displays and other presentations
  - identify scientific evidence that has been used to support or refute ideas or arguments
  - Children will study core objectives and select their own line of enquiry (interest) and present their findings in a medium of their choice.
  - Re-create a model of the Solar System
  - Children will design and create their own 'alien'.

**Science**

Earth and Space:

Study the Earth and its relationship with the Sun, Moon and the rest of our Solar System.

Research Space exploration / famous astronauts

Recent flights to the Moon and Mars

**Computing**

Develop Research and Search Engine skills.  
E-safety Internet search engines

**Physical Development**

There will be 2 PE lessons a week (Tuesday and Friday) -taught by pro-coaching and focussing on invasion games along with multi-skills

- Activities**
- Ask the children to play games using familiar equipment. Listen to their views on which equipment they like best.
- Teach them different ways of hitting the ball. Help them to hit the ball accurately into spaces, and to different parts of the field, when playing games.
- Teach them how to position their bodies and their feet to hit the ball accurately. Help the children to retrieve, intercept and stop a ball when fielding.
- Improve their agility and coordination through multi-skills activities.

- Activities**
- Research given Islands
  - Research chosen Island
  - Present information on own Island
  - Draw detailed maps
  - Study World map

**Geography**

The children will study Islands around the World.

**Is There Anybody Out There?  
Summer Term 2021**

**English**

A unit of narrative will be explored where the children will be expected to develop their understanding of report writing. The children will have opportunities to edit and refine their writing.

Biography writing  
Persuasive writing  
Guided reading sessions will build skills of inference and deduction and understanding the intentions of the writer when choosing words and phrases.

- Activities**
- Express likes, dislikes, feelings and empathise with the text they are reading.
  - Write a non-chronological report
  - Write a piece of persuasive writing
  - Develop knowledge of year 5 and 6 grammar terms and apply these to their writing i.e. expanded noun phrases prepositional phrases, fronted adverbials, active and passive voice.
  - Use persuasive devices
  - Stage a class debate - exploration of Space or saving our own planet?
  - Write a biography of a famous astronaut

- Art and DT**
- The Earth, Sun, Moon and Solar System
  - Other life forms evolved from environment.

**Mathematics**

Geometric Reasoning - pupils can explain how to reflect and translate shapes on a grid in the first quadrant and use this knowledge and understanding to solve problems.

Additive Reasoning - Pupils can solve addition and subtraction problems in different contexts

Number Sense - Pupils can make appropriate decisions about when to use their understanding of counting (including counting below zero), place value and rounding for solving problems including adding and subtracting.

Multiplicative Reasoning - Pupils can solve problems involving multiplication, division and fractions in different contexts.

- Activities**
- A daily mental maths session to develop and improve mental strategies.
  - A weekly multiplication test will help the children with their rapid recall.
  - Measure angles using a protractor
  - Calculate angles without the use of a calculator
  - Plot coordinates in all four quadrants / translate, reflect shapes.
  - Use simple formulae
  - Calculate the area of shapes
  - Use, read, write and convert between standard units
  - Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
  - Use all four operations to solve problems involving measure
  - Interpret graphs and pie charts.

- Activities**
- Art:**  
Observational drawings
- DT:**  
Design and make own alien using clay.  
Re -create the Solar System using papier-mâché

- P.S.H.E**
- **Being Me in My World:**
  - **Facing new challenges / rights and responsibilities (as a citizen of my country and school) / empathise with people in my own country whose lives are different to my own.**
  - **Activities: Taught through Circle Time - 'What are my personal goals?' 'What do I value most about my school?'; complete mind map; record in Jigsaw Journal**