

**Topic:** To infinity and beyond

**Literacy**

This half term we will be focusing our literacy learning around the novel 'The Iron Man' by Ted Hughes. We will be writing our own science fiction stories as well as newspaper reports and biographies linking to famous space travellers such as Neil Armstrong. In addition, we will be continuing to learn and apply spelling, punctuation and grammar rules.

**Maths**

This half term, we will be studying measure including capacity and distance linked to our topic. We will learn to solve real life problems in context for example distance of planets from the sun. We will also be continuing our weekly maths investigations and mental recall of the four operations and facts related to times tables.

**Design technology/Art**

The children will use research to develop and design a model lunar buggy. They will evaluate their ideas against their own designs criteria and consider the views of others to improve their work.

**Music:**

Our music lessons will be focusing specifically on composing by using ICT to make creative use of the way sounds can be changed, organised and controlled to create a piece of music that is 'Out of this World'.

**Science**

Our science learning will centre around Earth and Space this half term. Children will learn about the earth and other planets and the movement of the moon relative to the earth. They will use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.

**PE:**

The children will be working with a coach to develop their football skills. Children will develop team work skills in games such as basketball, football and athletics. Children will practice skills regarding team encouragement, taking turns and collaboration.

**ICT:**

The children will be exploring some new exciting ICT programs to reinforce learning in the topic including creating rocket and space animations.

**P.S.H.E/RE**

To consider and debate religious beliefs against scientific beliefs eg. The Creation and evolution.

**Geography**

The children will be learning stages within the water cycle. We will also be studying how water can change the landscape of areas over time. Due to our topic 'to infinity and beyond' we will be looking at water found on other planets and how climate and landscapes are affected.

### Reminders

- Please ensure all children have a suitable PE kit to be left at school at all times, for the entire half term. We occasionally are able to schedule additional P.E. sessions to enhance the curriculum.
- Children will need a water bottle, clearly labelled with their name. Water bottles are available to purchase from the office at £1.50 each.
- The school day ends at 3:15pm if you are running late or need extra childcare we have the afterschool club available, which is £4 for the first hour. Please speak to a member of staff who will happily assist you.

### Homework

- Spellings will be given out on Mondays for the children to learn during the course of the week in readiness for a spelling test on a Friday. Other homework will be given out each Friday for the children to complete and return by the following Wednesday. We are grateful for any time you can spend helping your child learn their spelling words and practise their times tables.

### Don't forget!

- We are always here to talk about anything you may be concerned about or to hear good news about your child. Please don't hesitate to come and speak with us.

Autumn 2016

Home Links

Year 5



Teachers

Mr Tye and Miss Suri

Teaching Assistants

Mrs Hayhurst