

This term's project in Year 5

Topic Name

One small step for a man, one giant leap for mankind.

Driving Question

What is the universe made of? *The universe is an extremely large and mysterious place. It is so large, that it is impossible to fully imagine and comprehend. We will be using the arts to explore the universe, whilst also developing our understanding of space exploration in the past and its potential in the future.*

Learning Launch

Welcome to our final 'big' term together in Year 5! It is fantastic to see you all back in school and we hope you had an enjoyable, well-deserved break. We will be finishing off this academic year by diving into space exploration!

How Can You Help?

- Use an app to help you to locate features in the night sky
- Find out about a significant space scientist and write a biography or fact file about their life and work
- Before clocks and watches were invented, people used sundials to measure the passage of time. Make a shadow clock or sundial (using instructions online). Use your creation to tell the time and consider how accurate it is compared to modern clocks.
- Keep a Moon diary over the course of a lunar month. Draw the shape of the Moon each night, finding out and recording the correct term for each lunar phase.
- Find out about the following types of moon: blood moon; supermoon; blue moon and harvest moon.

Experiences, Visits & Visitors

- Astronaut training day – what is it like to be an astronaut? Use Maths to calculate what you can take with you for the mass your shuttle can carry, write a persuasive letter about why you should be an astronaut
- Who can design and make the best rocket and test it on the field?

English

Throughout the term, we will be writing a variety of different text types including formal letters, discussion texts, narratives and explanation texts. We will also be learning to use expanded noun phrases to add extra information to sentences and how to correctly punctuate and use bullet points.

In reading, we will be developing our awareness of vocabulary in texts and making inferences about characters, as developing confidence with the other VIPERS skills (inference, prediction, explaining, retrieving and summarising).

In spelling, we will be learning more of the year 5/ 6 word list and spelling rules.

Mathematics

This term, we will be working on decimals and percentages and properties of shape.

During our work on decimals and percentages, we will learn to order and compare decimals, add and subtract decimals with the same, and different numbers of decimal places, as well as learning equivalent fractions, decimals and percentages.

When learning about properties of shape, we will learn to measure and draw angles accurately using a protractor.

Additionally, we will learn to calculate angles on a straight line, around a point and within a triangle.

Please make sure that your child continues to practise their times tables using Times Table Rockstars as regularly as possible.

Things to remember

Homework

Homework will be set on a Friday, and will consist of spellings, multiplication tables, reading, Grammar activities, Maths activities and, sometimes, projects based around the Space.

Unless stated otherwise in your child's homework diary, homework will be due in the following Friday.

Please remember to sign your child's homework diary each week to show that you are aware of their home learning.

PE

PE sessions for this term will be on a **Tuesday** and **Friday**. Please ensure that your child's PE kit comes into school on a Monday and goes home to be washed on a Friday (sometimes the PE timetable may change). When the weather is colder, we recommend tracksuit bottoms and jackets for outdoor PE sessions.

Knowledge Summary

You will find a Knowledge Organiser on the reverse of this sheet.

This will show all of the basic key knowledge that children need throughout the project and we would really appreciate you sharing this information with your child. You might even want to find out more facts to share in class!



