

YEAR 5
Autumn A



Name: Stargazers

English

This half-term we will be using our topic to look at myths from various countries and cultures that explain the existence of the sun, the moon and the stars. We will use these texts as a prompt to attempt to create our own solar or lunar myths.

Following that, we will study the first moon landing. The pupils will explore the accounts of the astronauts involved in the event, and then write an imaginary re-count of their experiences of that first landing! The areas of grammar that we will be learning about this half-term are:

- * Opening sentences with fronted adverbials, that describe when, how or where something occurred.
- * Using apostrophes to show the contraction of words (eg do not—don't); and the possessive apostrophe (The coat that belongs to John- John's coat).
- * We will also focus on further areas of Grammar, Punctuation and Spelling that will be bespoke towards the individual needs of each child, through our new weekly 'Grammar Hammer' system.

CPSHE

We will look at the British values of the rule of law to reinforce the importance of rules in everyday life. In addition to this, pupils will be reminded of the value of respect, and taking responsibility for their own behaviour.

P.E.

The pupils will follow a new scheme in school in which their core skills will be assessed and developed. This will be done through the sports of rugby (outdoors) and dodgeball (indoors).

Art / DT

The pupils will be challenged to create an image of the Earth as seen from space, before looking at the phases of the moon in our Science lessons and attempting to create a design of the phases that can printed onto material.

Maths

The pupils will work to a weekly maths schedule that involves lessons that will contain lessons specific to their learning needs (the children may have already mentioned which 'stage' they are working at to you); a weekly problem-solving lesson in which they will investigate given problems using their reasoning skills. These will reinforce the week's learning, in addition to allowing them to explore ways that they can apply their knowledge. Finally, the pupils will take part in Big Maths lessons, that focuses on one or two aspects of Maths that the children have found tricky. It allows the pupils to 'fill gaps' in their knowledge, resulting in accelerated progress.

In Year 5, pupils are expected to have instant recall of their times tables up to and including 12 x 12. To reinforce this, we will have regular times tables tests. Please feel free to practice these at home when you get a chance!

Over the course of this half-term, we will be focussing on:

- *Place Value
- *Addition and Subtraction
- *Fractions, and
- * Multiplication and Division.

Pupils will be set a piece of Maths homework at the end of each week that will reinforce the learning from the lessons that week.

ICT

We will be using formatting tools within Microsoft Publisher to design and make templates for front covers which can be reused for different purposes.

Through the use of Scratch children will design interactive animations to share information. This will require the children to use a range of coding techniques and to write their own algorithms to control parts of the animation. Scratch can be accessed online by visiting www.scratch.mit.edu.

Science

Through this topic we will explore many aspects of Space, the Earth and the Moon. We will start by looking at the comparative sizes of all three spheres, before learning about the physical processes that occur to create day and night. Next, we will look at the seasons, before trying to recreate our own classroom solar eclipse!

Following the work on the Earth, we look at the moon and discover why its shape changes over the course of a month. We will then explore the existence of stars, and discuss the likelihood of life on other planets.

Finally, we will end the topic by learning about our solar system and the other planets within it.

This topic will give the children lots of opportunity to use Scientific investigation (eg, How much would you weigh in Space?), and to enhance their mathematical skills through scaling models of the solar system so that they are all relatively sized to one another.

R.E.

This term we will be exploring the topic Places of Worship. We will consider what makes somewhere a place of worship and why they are so important to believers from various faiths. As part of the project we will be paying a visit to Holy Cross Church.

History

We will be studying the historic moon landing of 1969, using primary and secondary sources to create newspaper report and other pieces of writing of the event. Pupils will also be given the chance to role-play as astronauts, to explore their feelings and emotions at the time of this momentous event.

Spanish

This term we will be developing our understanding of Spanish grammar, particularly through the use of adjectival endings linked to nationality.