

Writing:

Children will design their own astronaut and then write a biography about them before writing a newspaper themed around their space topic.

Engage: Children will be enrolled into our very own NASA Astronaut Training School and will need to complete a range of challenges and activities.

Children will also be able to experience space through sessions with Portsmouth University.

Maths:

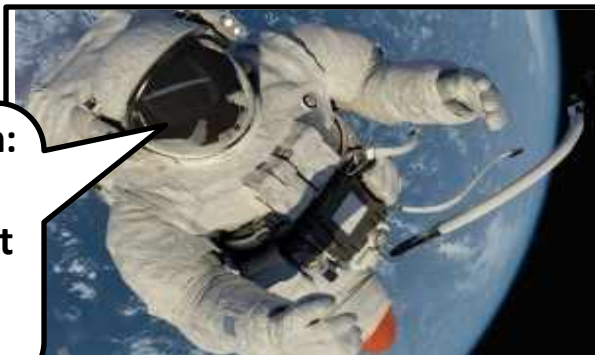
- Place Value of 5 digit numbers
- Negative Numbers
- Rounding
- Addition and Subtraction
- Multiplication and Division

Computing: Computer systems and networks.

Science:

Children will learn about the different planets, the impact of the earth's rotation, the phases of the moon and the significance of space exploration on the human race. Children will also learn about key thinkers who have influenced our scientific understanding.

Key Question:
**What is
unique about
our solar
system?**



Stargazers

Spanish: Children will revise their Spanish phonic knowledge before learning the 'Do you have a pet' unit. ,

Music: Children will study 'Shaping music', and listen to 'My best friend'.

Art: Using oil pastels to create 3D planets within our Solar System, children will develop their shading and toning skills.

RE: Children will discuss what 'belonging' means to them and what we 'belong' to. Children will develop this learning and then consider how belonging features in the Islamic faith.

Prove It: The children will complete concept hexagons, making links between their learning. They will then complete a response to the key question in a method of their choice.

PSHE: Children will discuss their hopes and fears about the coming school year before considering why rewards, consequences and democracy are important in school.

PE:

Children will build on the Basketball and Dodgeball skills they learnt in Year 3 and 4.

Things to explore with your child!

Home Learning:

Each week, your child will be set an assignment on spelling shed and TT Rockstars to complete.

If you don't have access to the internet please speak to your child's class teacher for ways we can support.

Home learning is set on a Thursday due on a Tuesday.

Reading:

We encourage you to listen to your child read at least once a week and write in their reading journal.

National Curriculum Objectives:

<https://www.gov.uk/government/publications/national-curriculum-in-england-english-programmes-of-study/national-curriculum-in-england-english-programmes-of-study#years-5-and-6-programme-of-study>

Writing:

This half term we will be writing biographies and newspaper reports.

Can you work with your child to research a famous astronaut or scientist who has made discoveries about space?

National Curriculum Objectives:

<https://www.gov.uk/government/publications/national-curriculum-in-england-english-programmes-of-study/national-curriculum-in-england-english-programmes-of-study#years-5-and-6-programme-of-study>

Maths:

Use the TTRS heat map to guide times tables practice.

- Ensure that children are using taught strategies when completing their home learning.
- Continue to revise arithmetic skills to improve speed and fluency.

National Curriculum Objectives:

https://assets.publishing.service.gov.uk/media/5a7da548ed915d2ac884cb07/PRIMARY_national_curriculum_-_Mathematics_220714.pdf

Science:

Space is a fascinating subject with lots to learn.

Take a trip to your local library and find some non-fiction books about space.

There are lots of brilliant websites you could look at too, such as:

https://www.esa.int/esaKIDSen/SEM_VY5WJD1E_OurUniverse_0.html

Useful websites and resources:

<https://www.bbc.com/education/topics/zkbbkqt>

<https://www.natgeokids.com/uk/discover/science/space/neil-armstrong-facts/>

<http://www.sciencekids.co.nz/space.html>

HOME LEARNING PROJECT IDEAS



Stargazers

Make a 3D model of the solar system, complete with a fact file about your favourite planet.

Create a new planet for the solar system. Make a model of it and a fact file all about it.

Imagine an alien space ship has crashed in your back garden. Write a story about what happens next.

So far, 24 astronauts have visited the moon. Find out their names and facts about each of them and present however you choose.

Design and create an astronaut space helmet using junk materials. Write an advert to go with it to persuade people to buy your design.

Use non-fiction books, astronomy magazines and the web to find and record amazing facts about space. Create a space scrapbook using your facts and images.

Visit your local library and look for space themed books. They could be non-fiction, fiction or poetry. Write a detailed review of your favourite.

Keep a moon diary over the course of a lunar month. Draw the shape of the moon each night, recording the correct term for each phase.

Please complete at least one activity.
Due on:
Tues 13th October