

Burley and Beyond!



Year 1 Autumn Overview

*What is it really like in space?
What happens to our bodies when
we enter space?*



How do we get to space?

Are your children ready to become Space Explorers and find the answers to all these questions? Year 1 will be travelling to Infinity and Beyond and finding out what happens in space. Follow us on our mission as we discover who Neil Armstrong was and compare him to the famous Tim Peake. We will focus on our bodies and senses and find out how these will change in space. We will show off all our learning for you to see at our showcase, 'Mission Complete' before the end of the Autumn term.



Burley and Beyond Space Explores

English coverage

Fiction

- Space adventure stories
- Sentence structure
- Re-telling stories and writing their own
- Create story maps and use actions to retell familiar tales.

Non-fiction

- Information texts
- Lists
- Labels
- Captions

Maths Coverage

- Number
- Place value
- Mental addition
- Subtraction

Music

- Space songs
- What does it sound like in space?
- Can we recreate these sounds?



Computing

- Algorithms
- Programming Bee-bots
- Using Garage Band on the I pads to create some space like sounds.





Burley and Beyond Space Explores

Geography

- Human and Physical Geography of Burley In Wharfedale, our local area.
- How does this compare with space?

Science

Investigating our bodies.

- Different parts of the body and our senses. What do our senses do? How do they help us? What happens to our senses in space?
- Experiments using these.
- What materials are used to make a spacecraft?

PE

- Dance
- Multi skills

Drama

Become an astronaut and act out what it's like being in space.

RE & PSHE

- Creation story
- Christmas story
- What does perseverance mean?
- How can we be a great learner?

Art/DT

- Design and make rockets or space crafts using different materials.

History

- Research Neil Armstrong— who was he? What did he do?
- Research Tim Peake - how has going to space changed over time?
- Comparison of safety equipment and space crafts.

Trips and Enrichments

Visit the Media Museum and see the spacecraft that brought Tim Peake back to Earth from the ISS .

Global Learning

Sustainability

Does going up to space have effects on the environment?



Burley and Beyond Space Explores



Across the term there will be lots of different learning outcomes for this topic—far too many to list them all here.

Our showcase at the end of the Autumn Term will display lots of the learning that has taken place. Some of the things you will see there are:

- Our very own model rockets with designs and evaluations*
- Fact files containing information about Tim Peake and Neil Armstrong and a comparison of the two.*
- A planned space adventure up to space—thinking about what should be packed and why.*
- Data we have collected about travelling to the moon.*
- Space adventure stories*
- Non fiction books*





Burley and Beyond Space Explores

At home you could talk about:

Space and how this is different to Earth.

The word 'gravity' and what this is.

How do we get to space?

Other astronauts and information about space.

You could go on an adventure to:

The library to find books about space and famous astronauts.

Visit the CBeebies website space topic page and have fun playing the games and watching the videos.

You could write:

*Fact files about space information.
An adventure story about a mission in space.*

Write a postcard from space to your home on Earth.

Write some questions you would have loved to have asked Neil Armstrong or Tim Peake.

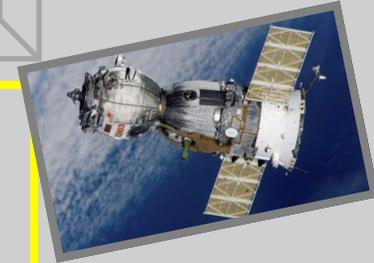
At home you could:

Paint or draw pictures of space.

Make a model of an astronaut wearing the correct space suit and safety equipment.

Create games using space as the theme.

Play in the garden and pretend you are planning a mission to space. Could you build a space craft den?



You could read:

*Books about our local area
Non-fiction books about space
Fiction books about characters in space or on the moon.
Look at photographs of space, Tim Peake, Neil Armstrong and other planets.*

You could watch and play:

Visit the CBeebies website and visit the space topic page where you can find many games, videos and songs all about space.

