

Overall outcome

To understand that Earth is the only planet that we can live on and we have to look after it. To be able to recall some 'space' facts.



Medium Term Plan Spring 1 2021-22

Texts: *Goodnight, Spaceman* by Michelle Robinson & Nick East

Key Vocabulary: solar system, universe, galaxy, planet, space, astronaut, asteroid, milky way, gravity, pollution

Areas of learning (theme/subject)

All areas seven areas of learning.

Resources

Rocket, Space suits, telescope, space story and information books, large wall display of planets, 3D galaxy model.

Significant individuals

Alyssa Carson, Neil Armstrong, Tim Peake

Hook: - Space rocket & telescope appear in Class

Curriculum areas that will be covered in stand-alone units during this topic-

Understanding the World- Chinese New Year, safer internet day, child mental health week. PSHE, PE, Charanga

Inquiry Question:

Can humans live on another planet?

Global goal:12-responsible consumption, 15-life on land.

Curriculum

What will we learn?

Children will be able to:-

- Know who Neil Armstrong, Tim Peake and Alyssa Carson are and what they did.
- Be able to name the planets in our solar system and some of their properties.
- Understand why the Earth is the only planet that can sustain life (position in galaxy)
- Explain ways that we can look after our planet and why it is important.

Creativity:

How will we show we understand in multiple ways? What does the Rainbow Continuum (Blooms Taxonomy) guide us to do?

- Galaxy pictures
- Making rockets- stencils, metallic paint, glitter,
- IPad- looking at position of planets using stargazer app & star chart AR
- Exploring how a telescope works and using one in class
- Space station role play
- **Scope to further explore creatively through child initiated activities.**

Connections

What are the connections to our curriculum past and present?

Prior Learning:

Pre-school learning & Heswall School plastic pledge & tree Autumn

Future Learning:

- Developing environmental issues through eco school projects
- KS2 Science

Compassion

What feelings to we wish to evoke?

- Concern for the protection of our planet and how important it is to look after it.
- Taking responsibility for our own behaviour and actions.
- Looking after our local environment- school grounds and linking and our learning to other environments.

Community

What links can we develop 'Near and far'?

- Logo lift off competition- This year the UK space agency will be sending their first rockets into space. Children will design a simple logo for the competition to have it printed on one of the rockets.
- Science under the Stars is a large community event hosted by HPS with lots of links to the local community and to wider groups from across the country. Due to covid restrictions this will be online and will be accessed in class.