

**R2: Medium Term Plan: Spring 1**

**Overall outcome**

To understand that Earth is the only planet that we can live on and we have to look after it.

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| **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 |

**Inquiry Question:**

**Can humans live on another planet?**

**Global goal:**

**12-responsible consumption, 15-life on land.**

**Hook: -**

A design your own space rocket for class- children to decorate.

Science under the stars event- life size rocket!

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

Meander

Reservoir

Pure

Water cycle

Water vapour

Basin

Body of water

Brook

Canal

Condensation

Evaporation

Depth

Children will be able to:-

* Know who Neil Armstrong and Tim Peake are and what they did.
* Be able to name the planets in our solar system
* 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 bit is important.

**Significant individuals**

Neil Armstrong

Tim Peake

**Resources**

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

* 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.
* A li8fe size rocket will be brought into school for the children to see and to ask questions about.
* Planetarium- for event and then stays in school for all children to visit.

Prior Learning:

Pre-school learning & Heswall School plastic pledge summer 2019

Future Learning:

* Developing environmental issues through eco school projects
* KS2 Science

**Connections**

*What are the connections to our curriculum past and present?*

* 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.

**Curriculum**

*What will we learn?*

* 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.

**Texts:***.****Goodnight Spaceman*** *by Michelle Robinson & Nick East and* ***Aliens love underpants*** *by Claire Freedman & Ben Cort.*

**Community**

*What links can we develop ‘Near and far’?*

**Compassion**

*What feelings to we wish to evoke?*

**Creativity:**

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

**Areas of learning (theme/subject)**

**All areas seven areas of learning.**