**CHALLENGE:** Have I got what it takes to become an astronaut?

**Literacy:** We will be kicking off the year by exploring space and completing our own research based on our solar system and beyond. We will be presenting our findings as leaflets and newspaper reports. We will finish our unit with poetry based on the Moon.
- NC objectives:
  - Write non-chronological reports
  - Engage in meaningful discussions in all areas of the curriculum.
  - Listen to and learn a wide range of subject-specific vocabulary.
  - Write poems that convey an image (smile, word play, rhyme, metaphor).

**Science:** We will be exploring space within the UKS2 science curriculum through our literacy unit and within specific science lessons. To explore space, we will be creating our own moving model of the Earth, Sun and Moon. NC objectives:
1. Describe the movement of the Earth & other planets, relative to the Sun & the solar system.
2. Describe the movement of the moon relative to the Earth ( & describe day and night).
3. Describe the Earth, Sun and Moon as approximately spherical bodies.

**Maths:** As mathematicians, we will be:
Using the White Rose scheme of learning, we will be focusing on:
1) Place value  2) Addition and subtraction
Please ask your class teacher if you would like a copy of the Y5 NC Maths objectives.

**Science:** We will be exploring the locations of different important sites around the world due to their physical features (i.e. Goonhilly Station).
NC objectives:
1) Use a wide range of geographical sources in order to investigate places and patterns.

**Geography:** We will be exploring the locations of different important sites around the world due to their physical features (i.e. Goonhilly Station).
NC objectives:
1) Use a wide range of geographical sources in order to investigate places and patterns.

**Computing:** Children will learn to use a range of software to collect, analyse and evaluate data and information about our solar system. We will also consider how to communicate online.
- NC objectives:
  1. Understand where to go for help and support when harm has occurred (cyberbullying) or contact on the internet or other online technology.
  2. Use technology responsibly and understand that communication online might be seen by others.

**PE:** We will be working with 16 to mix the groups. Some children will use the PE time given to go swimming and ensure they can swim 25m unaided, while others will develop their football skills. We will also be ‘training like an astronaut’ to discover how and why they are so fit!

**MFL:** We will be studying Spanish this year and work on basic introductions.

**Music:** We will be exploring rhythm and pulse.
NC objectives:
Compose complex rhythms from an increasing aural memory. Understand how pulse, rhythm and pitch work together.

**RE:** We will have a Christian focus for the Autumn term. During this first half term, we will be focusing on worship within the church and how Christians worship celebrate special occasions.
Please ask your class teacher if you would like a copy of the Y5 RE objectives.

**Science:** We will be exploring the locations of different important sites around the world due to their physical features (i.e. Goonhilly Station).

**History:** We will be using our core text, ‘History of Space’, to place scientific knowledge and thinking in chronological order. We will also consider different historical events and the reliability of evidence.
NC objectives:
1) Use dates to order and place events on a timeline.
2) Compare sources of information available for the study of different times in the past.

**DT:** We will be creating our own moving models, showing the movement of the Earth and Moon around the Sun (to link with our science focus).

**MFL:** We will be studying Spanish this year and work on basic introductions.

**History:** We will be using our core text, ‘History of Space’, to place scientific knowledge and thinking in chronological order. We will also consider different historical events and the reliability of evidence.
NC objectives:
1) Use dates to order and place events on a timeline.
2) Compare sources of information available for the study of different times in the past.

**DT:** We will be creating our own moving models, showing the movement of the Earth and Moon around the Sun (to link with our science focus).

**MFL:** We will be studying Spanish this year and work on basic introductions.