



**Cycle 1**

**Language and Literacy**

**Oracy:**  
Hot seating task of the Apollo 11 moon landing.

**Reading:**  
Emotional timeline  
Order events from the story - link to Apollo 11 landing.

**Writing:**  
Cold Write - Letter to Teacher  
Short burst - Email to astronaut,  
Job Advert, Descriptions of Earth, Space and the the Moon  
Hot Write - Recount of the moon landing.

**Texts:**  
Moonshot

**Health and Wellbeing**

PE: Astronaut bootcamp looking at being healthy and fit. Children will practise balancing and stability skills.  
Children to discuss how astronauts nourish their body. The learners should understand what foods are healthy and unhealthy and what foods fuel the body well for space.

**Expressive Arts**

Children will design using measurements and oracy skills  
Children will create their sculpture  
Children will share their creation and explain their choices  
**Mission:** To create an accurate sculpture of a planet in our solar system

**Science and Technology**  
**Science:**

Children will order planets by weight, distance from the sun and mass using place value.

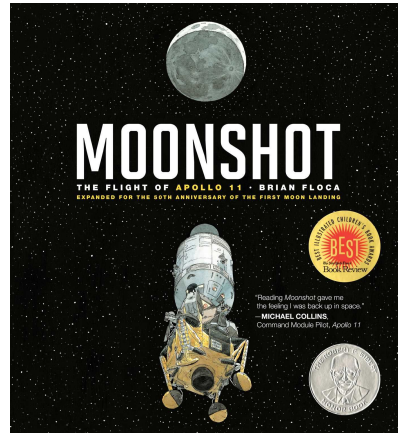
What is life like as an astronaut?

**Maths**

Place Value  
Units of Measurement

**Humanties**

Chlidren to use sources of evidence to create a fact file about the life of an astronaut



**Cycle 2**

**Language and Literacy**

**Oracy:**  
Perform a poem/song.

**Reading:**  
Finding features  
Visualisation  
Theme tree

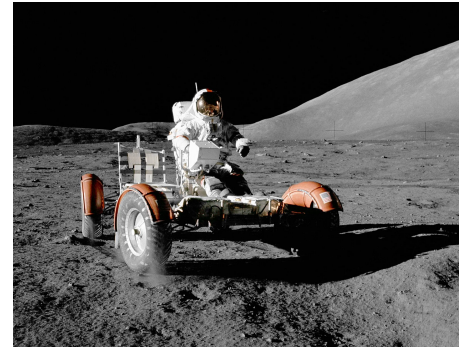
**Writing:**  
Warm Write - Recount of landing on a planet  
Cold write - simile poem  
Short burst - Mini stanzas/verses with different types of poem structures

Hot Write - figurative poem -

**Texts :**  
Generated poems with targeted skills including:  
Metaphors  
Similes  
Alliteration  
Descriptive Language

**Health and Wellbeing**

PE: Planet dance?



**Expressive Arts**

Children to perform a space song.  
Children to design a team logo that represents their group ethos and justify choices of colour.

**Science and Technology**

**Science:**  
Children will use lego spike prime to design, build and code a Rover. They will write instructions for their build.

They will Investigate forces, aerodynamics, uplift and thrust. The learners will explore gravity through dropping a tennis ball in flour and measuring the depth and width of the crater. The learners will investigate air resistance with different surface areas and how different materials are effected by forces.

**Mission: design and create a vehicle to withstand a crash.**

How would you travel in space?

**Maths**  
**Addition**  
**Subtraction**  
**Coordinates**

**Humanities**  
Continue to look at the moon landing. Research space travel in the past, present and future. Debate ethical questions like the dog/monkey being sent to space.

**Cycle 3**

**Language and Literacy**

**Oracy:**  
Drama - freeze frames.

**Reading:**

**Writing:**  
Cold write - Description of a planet  
Warm Write - Poetry links to myths related to constellations.  
Short Burst - Setting descriptions, character descriptions.  
Hot Write - Narrative about space

**Texts:**

**Health and Wellbeing**

PE and Jigsaw

**Expressive Arts**

Children will create their own dance and perform in the Christmas concert.

**Science and Technology**

**Science:**

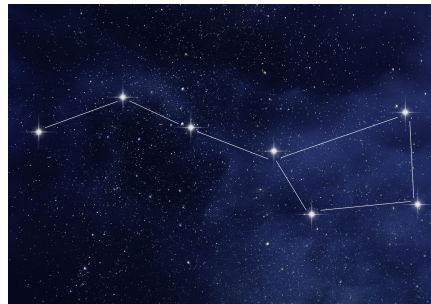
Children will explore the light spectrum, reflection and refraction using light sources and prisms.

Investigate electricity. Children will identify symbols and draw their own circuits. The learners will make a circuit using insulators and conductors.

**Mission: To create a constellation using a circuit.**  
Children to map out their constellations using coordinates,

Are you afraid of the dark?

**Maths**  
Multiplication  
Division  
Money



**Cycle 4**

**Language and Literacy**

**Oracy:**

**Reading:**

**Writing:**

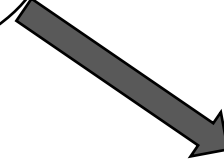
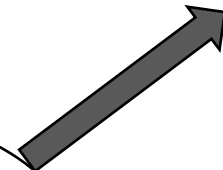
Warm write - Christmas Story  
Hot write - persuade sometime to become an astronaut  
Hot Write - Persuasive some to buy product / come to the fete

**Texts:**

Moonshot  
Adverts

**Health and Wellbeing**

PE and jigsaw



Would you want to be an astronaut?

**Maths**

4 Operations  
Recap



**Science and Technology**  
**Science:**

**Mission: Children to create a space themed item to sell at the Christmas Fete**  
**Write instructions**  
**Use technology to create adverts.**

Children to calculate costings and profit for their product.

**Topic Title: Stargazers**

**Term: Autumn**

**Class: Phase 3**



### **Key Vocabulary**

Spectrum  
Reflection  
Refraction  
Astronaut  
Enterprise  
Constellation  
Aerodynamics

### **Welsh**

1. Write a letter from an astronaut.  
Sentence patterns  
Es i..
2. Welsh descriptive poem
3. Hot seating - character dw i'n gwisgo etc..

### **MFL**

Friday MFL Focus

### **RVE**

Islam  
Christianity

### **RSE**

Jigsaw Scheme  
Dreams and goals  
Healthy me

### **Community Links**

Christmas fete  
Christmas concert

### **Cross Cutting Themes**

Forces  
Electricity

### **Dates for Diaries**

Stargazing event  
Christmas concert  
Christmas fete  
Techniquet