

Communication & Language

- **Listening and Attention**
 - Able to listen to and follow instructions on how to build their rocket and/or space station.
- **Understanding**
 - Able to explain the steps of their plans in play and construction.
 - Follows stories without pictures or props – stories of the Moon Landing and Planet Exploration.
- **Speaking**
 - Introduces new language of the topic into their play and creative activities.
 - Explains their understanding of new concepts and articulates disagreement with others' ideas.
 - Develop sequencing language in preparation for rocket launching (first, next, before, after, last...).
 - Presenting rockets and how to use them to other classes. Demonstrating and explaining how they work



Physical Development

- **Moving and Handling**
 - Experimenting with different types of movement – walking on the moon, orbiting the sun, alien chase-games.
 - Learns to use javelin 'rockets' and develop other kinds of throw.
 - Develops pencil grip and letter formation in daily writing.
- **Health and Self-care**
 - Understands the need for variety in food – exploring an astronaut's diet.
 - Works safely and tidily when constructing rockets and junk modelling.



Personal, Social and Emotional Development

- **Making Relationships**
 - Through role-play:*
 - Initiating conversations with an alien creature.
 - Asks appropriate questions to help an alien find its real home.
- **Self-confidence and Self-awareness**
 - Can speak about their own abilities when applying to be part of Provo Primary's first Space Mission!
 - Explains new learning to others and recognises what they want to know by forming questions.
- **Managing Feelings and Behaviour**
 - Negotiates effectively without conflict when taking roles in play and construction areas.
 - Discussing feelings of astronauts on the Moon Mission – understanding mixed feelings (fear & excitement) and feeling left out if they didn't get to walk on the moon.



Understanding the World

- **People and Communities**
 - Seeing family after long trips/time apart – astronauts returning to Earth.
 - What jobs need doing on a Space Mission? Understanding professions and what it takes to do each job.
- **The World**
 - Understands that some things happened a long time ago.
 - Observing plants growing and exploring why plants can't grow on the moon.
- **Technology**
 - Web-based simulations/interactive resources linked to Space and the Moon Missions.
 - Uses a simple program to draw planets by selecting appropriate shapes and colours.
 - Exploring the technology needed on a space rocket – control buttons and walkie-talkies



Destination: Outer Space!

Exploring stars, planets, moons and space travel

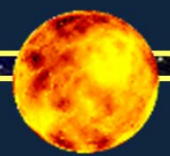
Literacy

- **Reading**
 - Books about Space – fiction stories and Non-Fiction texts.
 - Guided reading texts about space and/or Earth.
- **Writing**
 - Describing an alien creature.
 - Applying Key Words to give facts about the planets.
 - Labelling designs, pictures and the class space-station.



Mathematics

- **Numbers**
 - Understanding ordinal numbers to 20. Counting backwards (to BLAST OFF!) and completing incomplete sequences.
 - Exploring addition and subtraction by finding more/less in numbers to 10. Counting rockets that have launched, astronauts that have left/arrived, etc.
- **Shape, Space & Measure**
 - Explores simple concepts of time and can tell which is longer – days, hours, minutes, seconds.
 - Uses common 2d and 3d shapes to create pictures and models relating to space/rockets.



Expressive Arts and Design

- **Exploring and using Media and Materials**
 - Uses a variety of tools to shape, assemble and join materials when making their rockets.
 - Explores mixing colours when designing and painting planets.
 - Refers to planning when carrying out a construction project.
- **Being imaginative**
 - Plays alongside peers in role play – interacting in the same theme of play.
 - Selects particular colours for a specific purpose.