Engage

At the start: How very strange? Something seems to have crashed in our outside area.

What happened next? The children go and explore the crash site. They find different materials and substances. They take photographs and collect data for future reference.

Moon Zoom

Express

Children will have the opportunity to share all their hard work by creating an Earth box and by completing work in their books at school. If they work hard and help to discover what happened at the crash site, they may be rewarded with a moon zoom party.

Do the children have what it takes to explore and make a rocket? Throughout this work, the children will have the opportunity to develop their skills and knowledge across the national curriculum.

Innovate

Develop

English: Children will learn about:

* Fiction: How to catch a star and A way back home by Oliver Jeffers and The Bear and the Piano by David Litchfield.
* Narrative (own experiences): Beegu by Alexis Deacon, Can't you sleep little bear by Martin Waddell, Whatever next by Jill Murphy
* Non-fiction reports using a selection of space books.
* Poetry (vocabulary building): Space poems by Gaby Morgan and You choose in space
* A poem a day for the year: I am the seed that grew into the tree

Maths:

* White Rose block six (second half) = Number and place value within 50.
* White Rose block seven = Measurement: Length and height.
* White Rose block eight = Measurement: Mass and volume

Science:

*Describe the simple physical properties of samples from the crash site.
*Identify and name a variety of everyday materials, including wood, plastic, glass, metal, water, and rock.
*Describe, following exploration, what simple electrical circuits can do. Use one to send a signal to the skies.
* Compare and group materials in different ways, such as based on their physical properties; being natural or man-made and being recyclable or non-recyclable. Use this information to create some new planets e.g. planet plastic.
* Gather and record simple data about the solar system in a range of ways (e.g. data tables, Venn diagrams).
* Ask simple scientific questions about rockets.
* Follow instructions to perform simple tests and begin to talk about what they might do or what might happen.

Art:

* Design and make art to express ideas about space and aliens.

Design and Technology:

*Construct simple structures, models or other products using a range of materials to make a moon buggy.
* Select the appropriate tool for a simple practical task.
* Explore wheels and axels and describe how they are used.
* Describe the similarities and differences between products. Describe why a product is important.
* Talk about their own and each other's work, identifying strengths or weaknesses and offering support.

Geography:

*Use simple directional and positional language to give directions, describe the location of features and discuss where things are in relation to each other to explore space terrains.
*Use basic geographical vocabulary to identify and describe physical features whilst exploring a birds-eye view.

History:

*Look at people in space. Understand the term significant and explain why a significant individual is important.
*Order information on a timeline. Look at the history of space travel.

Computing: Rising Stars Unit 1:4 We are collectors. Finding images using the web.

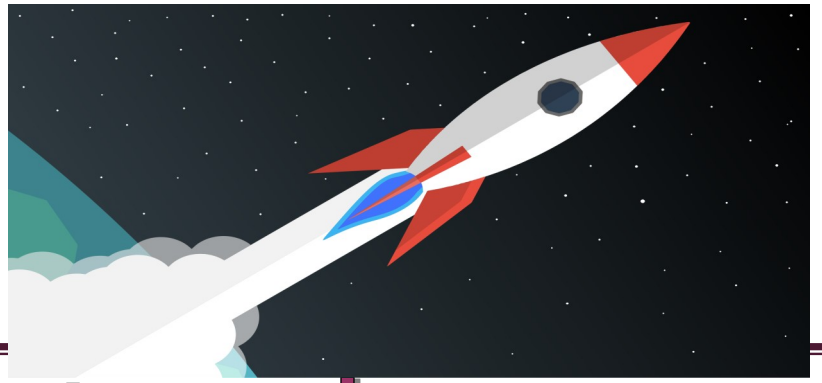
Music: Charanga unit 4—Round and round. Explore singing together, rhythm, dynamics, pitch and tempo.

RE: Unit 1:5– Why does Easter matter to Christians? Explore stories in the bible and discuss as a class.

PE: Invasion and target. Explore moving in different ways and controlling these movements.

PSHE: Jigsaw unit 4—Healthy Me. Learning about ourselves and our bodies.

Moon Zoom



Ideas for home learning

- Learn about stars and planets.
- Make a model of the solar system using junk modelling.
- Create an astronaut training pack or fact file. How do they live in outer space? What do they eat? Where do they use the toilet? Where do they sleep? How do they exercise?
- Make up your own alien language.
- Make a star and moon mobile.
- Paint a picture of a spaceship.
- Learn about asteroids, meteors and comets.
- Make some star splatter paint pictures.
- Use playdough or salt dough to make your own space vehicles or aliens.
- Create a constellation map.