

Theme: To Infinity and Beyond

Subject: DT

Years: 1/2

Term: Autumn



	What? How?	Resources
<p>Session 1 Wb 14.9.20</p>	<p>LC: Can you draw a sketch of a space rocket? Can you label the parts of your space rocket? Look at images of space rockets. What can you see? Learn the main parts of a space rocket and what they are for (fuel tank, booster rockets, orbiter) Task – Sketch a drawing of a space rocket and labels its parts.</p>	<p>Pencils Paper Images of space rockets (below)</p>
<p>Session 2 Wb 21.9.20</p>	<p>LC: Can you design a plan of your model rocket and label the materials you will use? Look at an image of a junk model space rocket. Talk about how it has been made. Task – Use the planning sheet to plan ideas for your own junk model of a space rocket and make a list of the junk material you will need.</p>	<p>Image of junk space rocket models Planning sheet</p>
<p>Session 3 Wb 28.9.20</p>	<p>LC: Can you make a fuel tank? Make the fuel tank part of your model rocket by wrapping aluminium foil around a pop bottle. Discuss why foil is a good material for this purpose.</p>	<p>Plastic pop bottle Aluminium foil</p>
<p>Session 4 Wb 5 10.20</p>	<p>LC: Can you make the booster rockets? Make the booster rockets by either: 1. Covering tubes (kitchen roll) in paper 2. Rolling card into cylinder shapes. Decorate the booster rockets by adding paper flames to the bottom.</p>	<p>Tubes Card Glue Coloured pens/pencils paper</p>
<p>Session 5 Wb 12.10.20</p>	<p>LC: Can you make the orbiter? Make the orbiter part of your model by covering a small junk cardboard box with paper. Add extra details such as: wings and a nose. Talk about the best way of attaching the details (glue/Sellotape)</p>	<p>Small junk cardboard box Paper Colouring pens/pencils Glue/sellotape</p>
<p>Session 6 19.10.20</p>	<p>LC: Can you add details to your rocket? Look at images of space rockets. Talk about the extra details that could be added to your junk model (e.g. NASA logo, flag, windows, doors) Use paper to create the extra details.</p>	<p>Images of space rockets Paper Glue Coloured pens/pencils</p>

Here are a selection of other activities that your child might enjoy completing

Writing

1. Draw a picture of an astronaut and label it
2. Draw a picture of rocket and write sentences about it.
3. Write a list of things I would take to space in my backpack.

Small World

1. Role play visiting another planet.
2. Make labels and signs for your scene.
3. Use role play to write a story about visiting another planet.

Fine Motor

1. Try doing tasks wearing space gloves.
2. Make a rocket with lego.
3. Colouring in rocket pictures.

Construction

1. Design a rocket or space station and build it.
2. Build a rocket or space station and label it.
3. Write instructions for building a rocket or space station.

Computers

1. Draw a space picture.
2. Use shapes to make a rocket picture.
3. Add labels to my pictures.

Creative

1. Make a rocket collage from 2D paper shapes.
2. I can use different resources to make planets in the solar system.



Fuel Tank – holds the fuel so that the rocket can travel

Booster Rocket – help to lift the space rocket off the ground and into space.

Orbiter – carries the astronauts and their supplies





Name: _____

Date: _____

Learning Challenge: Can you make a plan of your model rocket?

What will it look like?



What resources will you need to make your model?

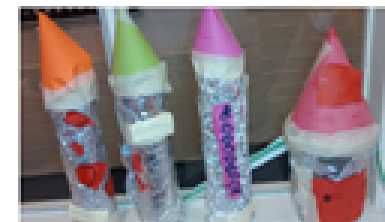
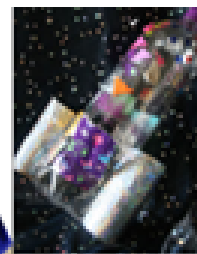
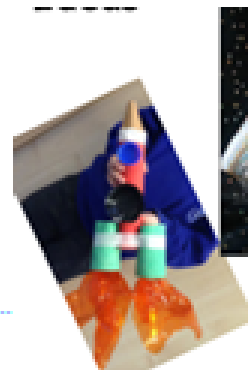
Resources Key Word List:

pop bottle
boxes
tissue paper
pringles tin

card tube
plastic pots
cellophane

plastic lid
yoghurt pots
paper cups

foil
card



Can you label the important parts?

Key Words: **fuel tank**, **booster rockets**, **orbiter**

