

# Outer Space

# Family Homework



Every school holiday, families across the Stepney Partnership enjoy participating in 'Family Homework'. Children, siblings and parents/carers learn together and have fun! This half-term's homework invites you to learn all about Outer Space. When you come back to school, you can share your learning with your teacher and your class.



## Write A Report

Research space facts about the planets, the galaxy or even the moon. Find out about shooting stars or the black hole.

## Solar System Mobile

Use string or hangers to make a hanging mobile.



## Acrostic Poem

Write an acrostic poem of anything related to space.



## Outer Space Quiz

1. What is a black hole?
2. What is a shooting star?
3. What is the nearest planet to the sun called?
4. Which is the biggest planet?
5. Which is the hottest planet?

## Solar System Model

Make a solar system model.



## Creative Writing

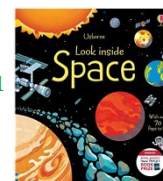
Imagine if you were an astronaut visiting another planet. What adventures would you have? What if you were swallowed by a black hole? What if an alien landed on Earth? What would they do?



## Visit Your Local Library



Visit your local library or Ideas Store and find some fiction and non-fiction books about outer space. Can you make a list of all the titles of the books about Space.



## Design An Astronaut Outfit



Make items from an Astronaut's outfit. What materials would you use?



## Sketch



Sketch an astronaut. What type of pencils would you use? Would you use charcoal? Think about the shading techniques. How would you create a reflection?

## Paper Mache Planets

Make paper mache planets using balloons and newspaper. Think about the colours of the planets.



## Book review

Write a review on your favourite book about Outer Space.



## Diary Entry

Pretend you are an astronaut. Write a diary entry of one of your days in space.



## Outer Space Diorama

Make an Outer Space diorama using shoeboxes, shiny foil, buttons and other junk materials.



## How Do Rockets Work?



Research on how rockets work. How do they go so fast? What are they made of? What fuel do they use?

## Planet Song

Learn about the planets by listening to this song <https://www.youtube.com/watch?v=mQrlgH97v94>

## Rockets

Make a rocket using bottles, toilet rolls and bottle tops, or cut out shapes and create a rocket using card.



## Famous Astronauts

Can you make a list of famous astronauts?

## Aliens

Make an alien using toilet rolls, card, pipe-cleaners, bobbles and much more.



## Make A UFO



Use transparent materials to see the alien in your UFO. What shape will it be?

## Cooking

Make some snacks that are out of this world!

Use strawberries, bananas and pineapples to make a rocket. Bake some star and moon shaped biscuits. Take photos!



## Paint A Galaxy

Paint a galaxy with a range of cosmic colours. How would you create the desired effect?



## Ideas for family trips/activities during half term:

- Visit the National History Museum
- Planetarium in London
- Observatory in Greenwich
- The Science Museum

## Fact File

Research and write a fact file about a female astronaut. What challenges did they face?



Use the box below to record any of the Family Homework activities your family has enjoyed this holiday.

**Name:**

**Class:**

Bring your family homework into school by the first  
Friday after half term.

**Deadline-Friday 22th April**