

# Topic Plan Ideas – Space

This pack contains some activity ideas for the ‘Space’ topic as well as some blank forms for you to note down your own ideas.

Staring at a blank page when planning can be difficult so we hope that even if you don’t end up using our exact suggestions, they will be a spark of inspiration for your own great ideas when planning for your children.

(The different sheets are outlined below so you can decide which sheets you need to print).

Ideas sheet (Colour) – p2

Ideas sheet (BW) – p3

Blank ideas headings sheet (Colour) – p4

Blank ideas headings sheet (BW) – p5

Completely blank ideas sheet (BW) – p6

Blank Prime Areas of Learning sheet (Colour) – p7

Blank Prime Areas of Learning sheet (BW) – p8

Blank Prime & Specific Areas of Learning sheet (Colour) – p9

Blank Prime & Specific Areas of Learning sheet (BW) – p10

**We hope this helps!**

## Fine Motor

- Roll playdough into balls to make planets. Use playdough tools to add details to the globes.
- Use playdough to make 'Alien food'.
- Follow the line sheets – pencil control 'Help the space shuttle.'



## Number/Counting

- Space rocket lift off countdown '10,9,8,7,6,5,4,3,2,1, blast off!
- Space-themed number slice puzzles.
- Space 'I spy-count and choose/write' (peg cards or laminated to use with whiteboard pens.)

## Tuff Trays

- Match the rocket to the right planet e.g. by colour, number, phonics sound, HFW.
- Create an alien world in your tuff tray!



## Messy Play

- Make flaming meteorites using balled up paper and paint.
- Use coloured sand to make planets.
- Shaving foam across tray – move spaceship through the foam making trails.

## Shape/Pattern/Symmetry

- Make a space rocket control panel using different shapes. During role-play talk about the shapes e.g. 'Quick we've got to press the triangle to move out of the way of the asteroid!'

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## Personal Opinions & Feelings

- What would you take with you to space or a different planet? What would you need?
- How would you feel being up in space? What would it be like to be so far away from home?

## Measures

- Build a space rocket out of junk modelling materials – measure how tall it is using non-standard units e.g. building blocks.
- Talk about the sizes of different planets – use picture/model representations. What is the biggest/smallest planet?

## Health & Self-Care

- Investigate breathing. Why can't we breathe in space?
- What is it like on our planet? E.g. temperature, we have lots of water. Could we live on other planets? What do humans need to survive?

## Nurturing Relationships

- Adult to pretend they are an alien from another planet. Ask child(ren) to help them with doing things on Earth e.g. How do I clean my hands on this Earth?

## Gross Motor

- Charade movements – Pretend to be space rockets blasting off into space.
- Big write exercises that mimic space features. E.g. round and round like a planet. Up and down like a space shuttle.

## Investigation

- Space investigation station ideas:  
What is a planet?  
What is a star?  
What is a moon?  
What planets are in our solar system and what are they like?

## Role-Play

- Space craft – what planet will you go to? – what do the buttons / controls do? – what do you need to take? – what did you find?
- Adult or child to be hot-seated as an alien. Answer questions in character of the alien.

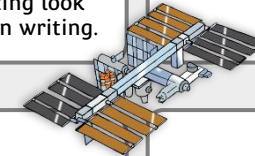
# Space Ideas

## Mark making

- Design a planet.
- Draw/paint/chalk an alien.
- Writing a list of all the things needed for an expedition into space.
- What might alien writing look like? Create some alien writing.

## Creativity/Art/Design

- Design/build a space craft from junk modelling materials, building blocks playdough, etc.
- Make an alien – paint, playdough, etc.



## Relevant Books

- Whatever Next – Jill Murphy
- How to Catch a Star – Oliver Jeffers
- Man on the Moon: a day in the life of Bob – Simon Bartram
- On the Moon by Anna Milbourne

## Phonics/High Freq. Words

- Space rocket themed High Frequency Word cards/mats/bookmarks
- Astronaut letters and sounds board game.
- Read nonsense alien words using your sound knowledge.

## Songs/Music/Poems

- 5 little men in a flying saucer.
- Twinkle Twinkle Little Star
- Solar System song – KidsTV123
- Create a sound poem/space journey using vocal or instrumental sounds.

## Alphabet

- Focus on a certain letter or a few letters. Each planet has a letter. Match things to that planet that start with that letter.
- Gather asteroids with letters on from around the setting.

## Mindfulness

- Use glowing stars on ceiling of setting. Darken the room. Children to lie down and look up at the glowing stars.
- Create a planet collage – perhaps scrunch up tissue paper and glue to circle template to give texture. Try not to leave any gaps.

## Colours

- Experiment with mixing colours using our 'Colour mixing stars' template e.g. yellow and red make orange.
- Look at images of Jupiter. What colours can we see? What about the other planets?

## Science Experiments

- In a tray of sand drop marbles of different sizes to see the different 'craters' they make.
- Placing 'bath bombs' in the water tray.
- Mentos in diet coke to see the coke whoosh up like a rocket!

## Optional Home Learning

- As it starts to get dark go outside with family and observe the night sky. Discuss with family and record what is seen to share with the class.

## Vocab & Communication

- Use appropriate vocab for particular child(ren) ranging from stars, moon, sun, rocket to astronaut, earth to space station, Mars, Jupiter etc.

## Food

- What do astronauts eat in space? Put some baby food into pouches for the children to eat like astronauts.
- Make up alien dish using fruit and veg.



### Fine Motor

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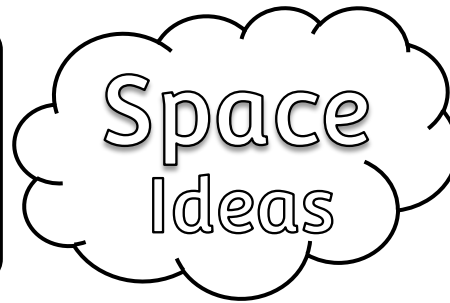
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**Nurturing Relationships**

**Gross Motor**

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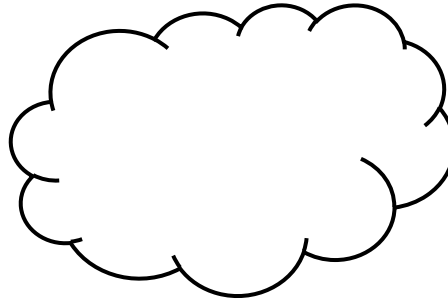
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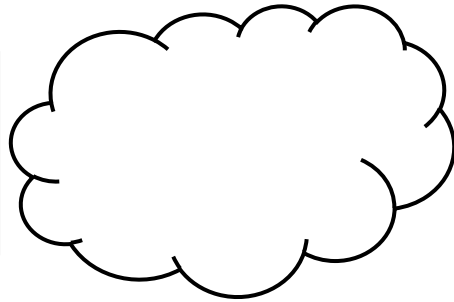
**Optional Home Learning**

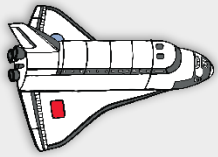
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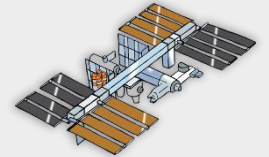
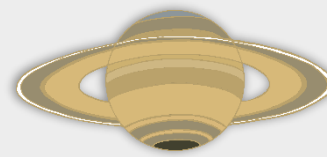


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# Space



**Communication and Language**

**Personal, Social and Emotional Development**

**Physical Development**

# Space

Communication and Language

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Physical Development



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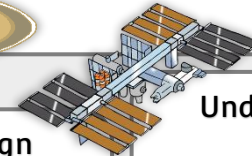
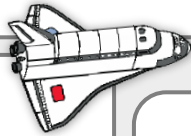
# Space

Literacy

Mathematics

Expressive arts and design

Understanding the world



Communication and Language

Personal, Social and Emotional Development

Physical Development

Space

Literacy

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