

'Let your light shine!'



*Make your light shine, so others will see the good you do and will praise your Father in heaven.
Matthew 5:16*



Ladybirds Knowledge organiser for

The Big Question? I wonder is there anything above the clouds and why is it dark at night time?

Spring 2 2025

We will be learning all about Space, Light and Dark this term:

Aim of the theme:

In this topic, we are learning to:

Using our imagination to create role play areas, make rockets and design aliens from a variety of materials

Find out about the solar system, learning about the planets, moons and other things we may find there

Explore feelings with the children- can they think about some feelings and link them to key life experiences and think about physical situations e.g. "things" they may be scared off e.g. spiders, the dark, thunder and lightning

Talk about how the feeling of 'fear' can make us feel and think about how can we tackle fears?

Develop some ideas and strategies to work together to overcome fears.

Use non-fiction books to talk about space and look at the difference between books of facts and story books. We will take part in World Book Day see class welcome back message for more information.

We will also be celebrating British Science Week which will focus on 'Can you think of ways that the world around you changes'?

Questions and areas of learning we will focus on:

Why is space dark? (UW- Science)

What do astronauts wear in space? (UW- Science)
How do people travel into and through space? (UW-Science)
What planet do we live on? (UW- Science)
What would it be like to visit the moon/ space? (UW/ Personal Social Emotional Development)
What does space look like? (Expressive Art Design)
Are you afraid of the dark? (PSED)
show light and dark? (EAD- Art)

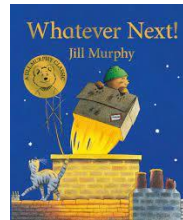
How do artists

Vocabulary

Feelings & Emotions, Light & Dark, Explore, Planet, Solar System, Moon, Sun, Earth, Star, Travel, Astronauts, Aliens, Rockets, Launch, Space, Torch. Gravity, Meteor shower

Key Texts

Whatever next By Jill Murphy

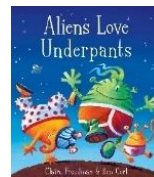


The darkest dark by astronaut Chris Hadfield



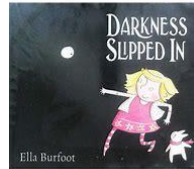
The way back home by Oliver Jeffers

Aliens Love Underpants by Claire Freedman and Ben Cort

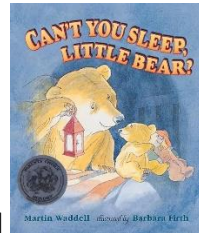




Owl Babies by Martin Waddell



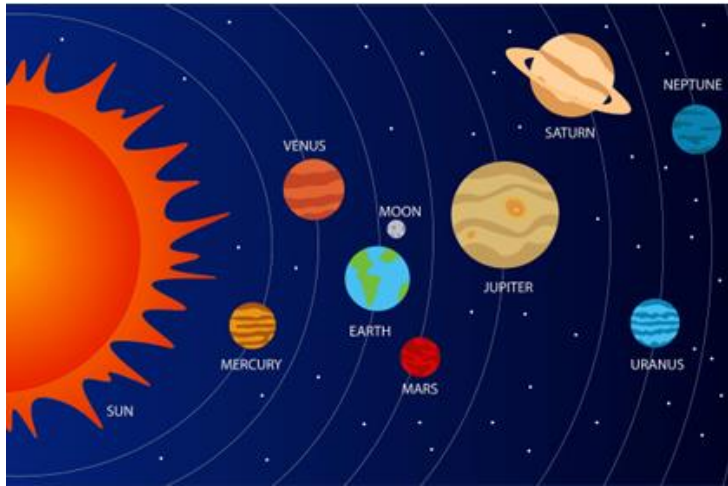
Darkness slipped in by Ella Burfoot



Can't you sleep Little Bear? By Martin Waddell

Look up by Nathan Bryon





Questions and activities you can discuss with your child to extend their learning at home as they learn about the theme at school:

What is the name of the planet we live on?

What are the names of the other planets?

Can you tell me something about the other planets?

Why could you not live on the sun?

Are any planets like our planets? What makes our planet special?

What are stars?

What else can you see in the sky during the day?

What can you see in the sky at night?

Why do we have night and day?

How can you look at things in space when they are very far away?

What is an astronaut?



What does an astronaut do?



How could we travel through space?

Home learning challenges:

Choose two or more of the challenges and send in some pictures via Tapestry of your child's home learning.

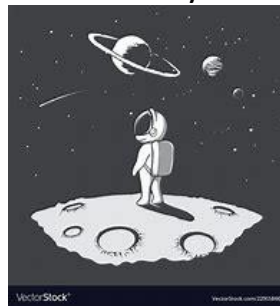
Rocket on a string - Make a simple cardboard tube rocket with a deflated balloon taped to it, thread a string through the tube and ask two people to hold either end. Then ask an adult to blow up the balloon and release it. How far will your rocket travel?



Go outside when it is dark, or look out the window and talk about what you can see. Can you count the stars? Can you find the moon? Does the sky change from one night to the next?



You are going on an adventure into space what would you take with you?

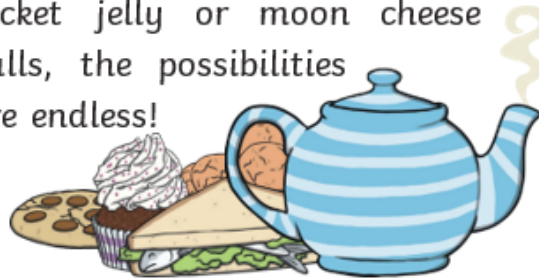


Draw or paint a picture of you going on your adventure.

Create a vehicle that you could use to travel into space. What would it look like? You could create a rocket using cardboard tubes, a spacecraft using old boxes or you could design a different type of vehicle to get you there!



Plan a tea party on the moon for the aliens. You could draw pictures of the food you want at the party. Think about what kind of food an alien might like - star biscuits, rocket jelly or moon cheese balls, the possibilities are endless!



Thank you for your continued support with the children in Ladybirds class.

