



SPACE

Spring 1



Texts we will be reading:

How to catch a star

Man on the moon

Whatever next

Information texts

Planet Zog

Aliens love underpants/But Martin

Summary:

During this theme the children will be talking and learning about our Solar System, naming the planets and describing them. They will be learning about the moon landing and Neil Armstrong, the first man to step onto the moon. This topic will encourage the children to develop their imagination and creativity as they will be discussing real life events and fictional characters and aliens.

Topic key vocabulary:

Understanding of the World - space, planets, Mars, Venus, Earth, Mercury, Jupiter, Saturn, Uranus, Neptune, Sun, Moon, alien, space shuttle, astronaut, rocket, stars.

Mathematics - subtraction, take away, equals, counting, one less, sphere, cube, cuboid, cone, pyramid, cylinder, 3D shape, comparison, size, big, bigger, biggest., small, smaller, smallest

Computing - algorithm, beebot, directions, instructions, tinker, hardware, photo, camera, point, aim, click

Personal, Social and Emotional Development - feeling, sad, happy, angry, upset, emotional, cross, understanding, worried,

Expressive arts and design - collage, paint, texture, mix, move, rhythm, music, beat, fast, slow, movement

Physical development - grip, dance, movement, rhythm, hit, control, racket, ball, serve, swing,

Communication and Language - listen, talk, sentences, speak clearly

Literacy - write, tripod grip, control, read, tricky word, digraph, vowel digraph, alphabet, letters, finger space, full stop, capital letter, caption, sentences.

In Physical Development the children will be learning to:

- use a comfortable grip with good control when holding pens and pencils and show a preference for a dominant hand.
- use and remember sequences and patterns of movements which are related to music and rhythm.
- develop their overall body strength, co-ordination, balance and agility through dance.
- combine different movements with ease and agility

At the end of the topic I will be able to:

- Move to the rhythm of a piece of music and hit a tennis ball using a racket.
- Hold a pen or pencil in a comfortable tripod grip and be able to use good control when writing.



In Communication and Language the children will be learning to:

- Use and understand new vocabulary
- Ask questions to find out more to check they understand what has been said to them
- Engage in story times
- Listen to and talk about stories to build familiarity and understanding
- Use longer sentences
- Express their point of view and understand that people may have different opinions or ideas.

At the end of the topic I will be able to:

- ask questions to gain more knowledge
- listen to and join in with discussions about stories
- use new vocabulary to name and describe planets and their names.

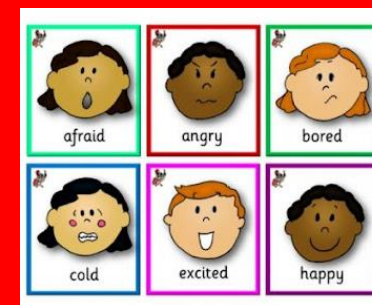


In Personal, Social and Emotional Development the children will be learning to:

- Express their feelings and consider the feelings of others.
- Identify and moderate their own feelings socially and emotionally
- Think about the perspectives of others.

At the end of the topic I will be able to:

- express how I feel
- understand how others maybe feeling
- share and take turns when playing games with others
- resolves conflicts with my peers.
- understand how to look after another living thing (alien)



In Literacy the children will be learning to:

- form some lower case and capital letters correctly.
- read a few common exception words match to the schools phonics program. *see table below
- blend sounds into words, so I can read short words made up of known letter-sound correspondences.

At the end of the topic I will be able to:

- read some common exception words *see table below
- sequence letter sounds in my independent writing to write words.



In Understanding the World the children will learn to:

- Compare and contrast characters from stories, including figures from the past
- recognise some environments that are different to the one in which they live

At the end of the topic I will be able to:

- name some of the planets -Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus, Neptune and say which planet is closest to the sun - Mercury.
- say who was the first man on the moon - Neil Armstrong
- name the planet I live on - Earth
- say what a plant needs to grow - water and sunlight.



In Mathematics the children will learn to:

- Talk about and explore 3D shapes
- Count and recognise numbers beyond 10
- Automatically recall number bonds for numbers 0-5 and some to 10
- Understand the 'one less than' relationship between consecutive numbers
- Subtract a smaller number of objects from a larger group of objects to find a total

At the end of the topic I will be able to:

- sequence events from morning to night
- compare the size of two or more planets
- name some common 3D shapes - sphere, cube, cuboid, cone, pyramid, cylinder
- take a smaller number away from a larger number and say what is left



In Expressive Arts and Design the children will learn to:

- Explore, use and refine a variety of artistic effects
- Create collaboratively, sharing ideas, resources and skills
- Listen attentively, move to and talk about music, expressing their feelings and responses
- Explore and engage in dance.

At the end of the topic I will be able to:

- create my own planet using collage, paint, papier mache or Modrock.
- Make my own design of an Alien
- make shades of grey using black and white paint
- use a painting techniques, such as splatter painting by Jackson Pollocks
- choose materials to create a collage of my own design
- use a malleable material, such as playdough or clay, to create planets, astronauts and aliens.



In **Computing** the children will learn to:

- To understand the meaning of directional arrows
- To follow a simple sequence of instructions
- To experiment with programming a beebot.
- To explore and tinker with hardware to develop familiarity and introduce relevant vocabulary.
- Experiment with programming a Beebot and to learn how to give simple commands
- Learn to debug instructions, with the help of an adult, when things go wrong.
- Learn that an algorithm is a set of instructions to carry out a task, in a specific order
- Follow an algorithm as part of an unplugged game




At the end of the topic I will be able to:

- program a Beebot
- follow simple instruction as part of an unplugged game

How you can help at home:-



Encourage the children to be more in  with putting their coats on and off, being able to do up own zips, poppers and buttons and be able to put their own shoes and wellington boots on and off.

Ensure your child brings their reading book into school every day and read with them frequently at home to support their learning in school. Please use Phonics Bug to support their reading too.

Support your child to complete their weekly homework tasks.

Help them to learn their sounds.

Help them to learn the 3d shapes - sphere



, cube



, cuboid



, cone



, pyramid



Cylinder

