

Maths

During this term, we will continue to build on our understanding of numbers to 5 then numbers to 10. We will begin to explore mass and capacity as well as length and height.

Alive in 5

Within this unit, we will continue to build our understanding of subitising numbers to 5, one more and one less than within 5. As well as introducing the concept of zero.

Mass and capacity

In this unit, we will begin to make comparisons between the masses of different objects. We will use balance scales to compare mass and begin to use the vocabulary of heavier, heaviest, lighter, lightest, balanced. After this, we will begin to explore capacity, using the vocabulary of full and empty, investigating the difference between these two key words.

Growing 6,7,8

Within this unit, we will begin to look at the numbers 6, 7. and 8. We will explore the composition and representation of numbers 6, 7 and 8. One more and one less within 8, as well as starting to understand the concept of odd and even numbers.

Length and height

In this unit, we will use our experiences from mass and capacity to compare length and height. We will begin to measure the length of objects using non-standard units such as cubes and introduce and use the vocabulary: shorter, taller, longer, longest, tallest and shortest.

Building 9 and 10.

Within this unit, we will focus on exploring the composition and representation of 9 and 10. Work on one more and one less within 10. Then begin to learn the number bonds to 10 and simple addition.

Resources to use at home– please see our How to Support your Child with Maths at Home document on class charts for more ideas.

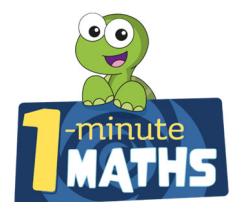
Numbots

Numbots is a great app for improving your child's recall of number facts and understanding of addition and subtraction skills. We recommend a 'little and often' approach, with children practising for no longer than 5 minutes each day.

The children's logins have been sent via a message on the Class Charts application. If you need this resent, please ask your child's teacher.

White Rose 1 Minute Maths

The White Rose 1 Minute Maths app is great for supporting your child with subitising, addition and subtraction practise. The app can be downloaded from your usual app store and is free. Subitising is looking at a group of objects and recognising the amount without having to count them. This supports children with their understanding about number.



English

Phonics

Children will continue to work on the Read, Write, Inc programme which is tailored to each child's learning. The children will now be in smaller phonics groups based upon their individual phonics targets. Children will work on recall of previous sounds and be introduced to new sounds when they are ready. Children who are able to decode and blend confidently will receive reading books. Children will receive a colour 'book bag' book to read at home, alongside their reading for pleasure bedtime book. Some children will also receive a 'black and white' book which matches the key phonic text they are working on in school that week.

Black and white copy books and bedtime books are changed every Wednesday and RWI book bag books are changed every Friday. Please can we ask you make a note in your child's home reading record when you have read with them at home.

Within both books there are key words, sounds and information for parents to help you support your child at home with their reading.

Read Write Inc.
Phonics

Key texts

Children will be read to daily, using quality texts from our reading spine and class favourites that the children enjoy joining in with. The texts below are some of our key focus texts for the Spring term.



Writing

In our phonics lessons the children will be learning how to spell words using their phonic knowledge and the 'Fred fingers' approach. Once children build confidence in writing these simple words, they will begin to write simple phrases and sentences. The children will continue to practise their letter formation and handwriting every day within their phonics lessons.



Space

In this unit, we will introduce the children to the fascinating knowledge about what lies beyond our planet; Space! They will learn about our sun and how it warms our planet, how gravity keeps us from falling off the Earth and about people who study the stars including Galileo and Caroline Herschel. Then, we will introduce the children to astronauts including Mae Jaimeson, the International Space Station and the planets in our solar system. The children will look at stars and constellations, the Apollo 11 mission to the moon and the Mars 2020 mission that has put a rover on the red planet. This unit has been chosen to inspire children to think beyond their immediate environment and begin to ask scientific questions about what we know and understand about space.

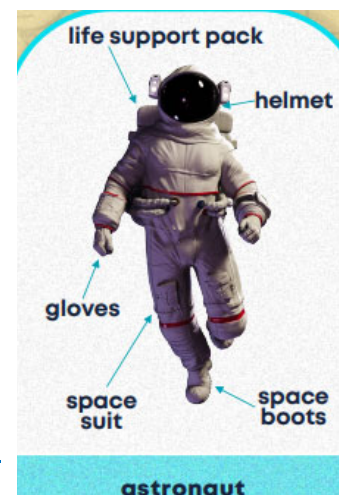
To support your child at home, we would like the children to look at the night sky and explore the stars and planets we can see from Earth. This time for year gives great opportunities to see the International Space Station in the early evening as well as planets such as Jupiter, Venus and Mars, with the naked eye.

'Spot the Station' allows you to look up the time and direction of International Space Station passes. This can be found here: <https://spotthestation.nasa.gov/home.cfm>
The UK space agency also produces a blog which details what is visible at different times of the year too. This can be found here: <https://space.blog.gov.uk/>

Our key vocabulary for this unit is:

Earth	the planet we live on
space	where all the planets and stars are found
astronaut	a person who travels into space
orbit	the path an object takes when it travels around a planet, moon or star
the moon	our moon orbits the Earth

Focus nurse-



ry rhymes and sayings.

Our focus nursery rhymes are: *It's raining, it's pouring, Jack and Jill, Old King Cole, Old Mother Hubbard, Rain, rain, go away and sing a song of sixpence.*

Our focus sayings are: 'As good as gold', 'As dead as a dodo', 'Let the cat out of the bag'

Growing and changing

In this unit, the children will explore seasons, growing plants, how animals grow and change, food and farming and how we grow and change.

The children will learn that we have four seasons on earth. They will recall that the earth orbits the sun (knowledge they learned in our Space topic) and will know that when our part of the earth tilts towards the sun we experience summer. Then continuing to think about the idea of change, children will think about the past and how places change over time.

Moving through this unit, children will have an opportunity to plant a seed and observe its growth.

Then, we will explore how animals grow and change. We will have our chick hatching experience and watch them change from eggs to chicks during the experience. The children will be able to experience an animal growing and changing in real time. Finally, we will learn about how humans grow and change. We will look at how we have changed and grown from babies to the 4 and 5 year olds we are now and we will explore how we will continue to grow and change as we get older.



Our key vocabulary for this unit is:

change	when something or someone becomes different over time
grow	when something or someone changes size
crops	plants that are grown for food
harvest	crops that are ready to be picked

Focus nursery rhymes and sayings.

Our focus nursery rhymes are: Ladybird, ladybird, Tadpole, Little boy blue, Mary had a little lamb, Mary, Mary, quite contrary and Old MacDonald had a farm.

Our focus sayings are: 'As fit as a fiddle', 'Pigs might fly', 'Don't count your chickens before they have hatched'

Dates for your diary

January

8th January– Term begins

17th January– Stay and play session 1

24th January– Stay and play session 2

29th January– National story telling week

February

6th February– Safer internet day

March

7th March– World book day

11th March– British Science week

18th March– Parents evening

20th March– Parents evening

25th March– Easter Bonnet Parade

28th March– Term ends

