

We will be learning:

In science, we will be sorting and resting materials to find out which is the most suitable for different uses.

In geography, we are going to be drawing and comparing maps of our classroom, the school and the village of Long Stratton.

In DT, we will be designing and making lunar vehicles which must be fit for purpose!

In PE, we will be working on stretching, moving and travelling in different ways.

In RE, we will be talking about why light is important in Christianity and also in the festival of Diwali.

In computing, we will be programming, writing algorithms and debugging our programs.

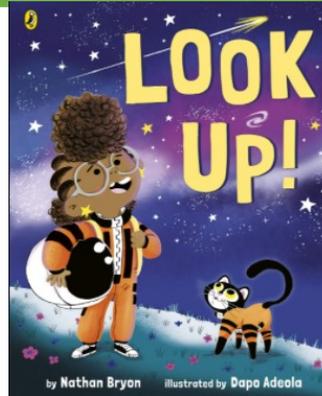
In history, we will be finding out about Mae Jemison and her work in space exploration.

Year 2 Overview – Autumn 2

Our core story is:

Look Up! by Nathan Byron

Please do not read this at home with your child until the end of the half term so your child can enjoy hearing the story unfold in class.



At home you could:

- find out about space travel
- Practise yoga stretches together (use this link for ideas: <https://www.youtube.com/user/CosmicKidsYoga>)
- Learn number bonds to ten and twenty
- read daily at home with your child and talk about what you have read

Please talk to your child's class teacher if you have any questions.

Key English skills for your child:

- Recognising and blending with all phase 5 graphemes (see below)
- starting each sentence with a capital letter and ending it with a full stop
- understanding the difference between a statement and a question
- writing clearly with correct letter formation with the writing sitting on the lines
- when reading, answering questions about what has happened and why.

Key Maths skills for your child:

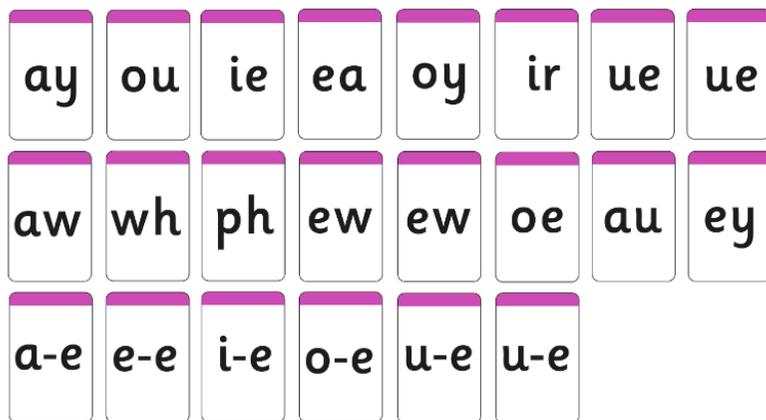
- counting in 2s, 5s and 10s to and beyond 100
- Partitioning a two digit number in more than one way
- adding a two-digit number and ones, or a two-digit number and tens
- knowing the value of coins
- knowing number bonds to 10, and then number bonds to 20
- Being able to say 2x, 5x and 10x tables by heart

Key Knowledge

We would like you to discuss this key vocabulary with your child as we go through the half term.

transparent	When light can pass through an object, it is transparent
translucent	When some light can pass through an object, it is translucent
opaque	When no light can pass through an object and it makes a solid shadow, it is opaque
algorithm	A set of instructions to achieve a set goal or purpose
phoneme	A phoneme is the smallest unit of sound within a word. They are taught to children when learning phonics, the study of sounds.
grapheme	A grapheme is a letter or a number of letters that represent a sound (phoneme) in a word.
suffix	A letter or group of letters at the end of a word which changes the meaning, for example changing play into play ing
Mae Jemison	The first female African-American astronaut
Diwali	The Hindu festival of light (14th November 2020)

Phase 5 phonemes:



Attached is a sheet which shows the correct letter formation for each upper and lower case letter. Please use this for reference when writing at home with your child. It is important to start and finish each letter in the correct place, as we will be moving on to join our writing soon, and this is much more difficult if children start and end their letters in the wrong place. Please speak to your child's teacher if you would like more information about this.

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