



Year 5 Class Newsletter

Spring Term 2

Love, inspire, achieve and give, respect, be honest and forgive.
Everyone has the right to go home happy.



Stargazers

THIS TERM'S LEARNING THEME:
STARGAZERS (EARTH AND SPACE)
SUBJECT FOCUS: SCIENCE

**Journey through space, the final frontier...
Navigate beyond the sun, the magnificent,
blazing star at the centre of our solar system!**

**Investigate the 8 planets- Mercury, Venus,
Earth, Mars, Jupiter, Saturn, Uranus and
Neptune. Take a look at the moon, a celestial
body that orbits Earth.**

**Work scientifically to investigate gravity...
and what happens when there is none!
Compare the time of day at different places
on Earth.**

**Exploring space is probably the greatest
adventure that humankind has ever
undertaken.**

**Are we alone or are there other life forms out
there?**

Dear Parents,

Hello! I hope you enjoyed half term. It's lovely to have the children back and we are already immersed in our new topic!

We thoroughly enjoyed the fantastic topic of WW2. We packed so much in with a visit from an evacuee, our trip to Coventry, an afternoon exploring artefacts, building Anderson shelters, and, of course, our VE tea party. I hope those of you who were able to come enjoyed the tea, cake and singing. It was lovely for the children to be able to share their wonderful games too.

Our new topic is Earth and Space and the children have already learned lots about the planets and orbits.

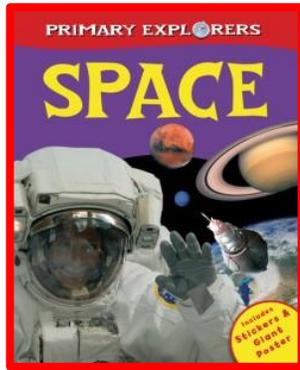
The project for this half term is to produce a book- either fiction or non-fiction and more information about this has been given to the children already.

Thanks you to those parents, who were able to come and help listen to children read, make bunting and bake. Your support is much appreciated.

USEFUL INFORMATION

Our class assembly will take place next week on Tuesday. It will focus on our WW2 learning and, if you are able to attend, we welcome you for a 9.10 start.

Please continue to pass on any messages through learning logs, Class Dojo or, alternatively, my email address is fincham.l@welearn365.com



KEY LINKED TEXT: Primary Explorers - Space

ENGLISH:

- Poetry
- Myths and Legends
- Determiners
- Modal Verbs
- Subordinating Conjunctions
- Prepositional Phrases

GEOGRAPHY/ HISTORY: Locating Physical Features

SCIENCE: Earth and Space, Working Scientifically, Forces

COMPUTING: We Are Architects

PE: Indoor Athletics (fitness focus)

PSHE: Diversity and Communities

RE: Easter

HOW CAN PARENTS HELP?

Please ensure that your child is reading daily, either independently or to you. It is wonderful to see, through the readathon, just how much some of the children are reading!

Please also ensure that your child is practising their multiplication tables and completing their Mathletics homework.

Year 5 Mathematics Curriculum

Key areas of focus for this half-term are underlined.

Number and Place Value

- Recognise and use the place value of digits in numbers up to 1 million (1,000,000)
- Use negative numbers, including in contexts such as temperature Round any number to the nearest 10, 100, 1,000, 10,000 or 100,000
- Read Roman numerals, including years

Calculations

- Carry out addition and subtraction with numbers larger than four digits
- Use rounding to estimate calculations and check answers are of a reasonable size
- Find factors of multiples of numbers, including finding common factors of two numbers
- Know the prime numbers up to 19 by heart, and find primes up to 100
- Use the standard methods of long multiplication and short division
- Multiply and divide numbers mentally by 10, 100 or 1,000
- Recognise and use square numbers and cube numbers

Fractions and Decimals

- Put fractions with the same denominator into size order, for example recognising that $\frac{3}{5}$ is larger than $\frac{2}{5}$
- Find equivalents of common fractions
- Convert between improper fractions and mixed numbers, for example recognising that $5\frac{4}{4}$ is equal to 11
- Add and subtract simple fractions with related denominators, for example $\frac{2}{3} + \frac{1}{6} = \frac{5}{6}$
- Convert decimals to fractions, for example converting 0.71 to $\frac{71}{100}$
- Round decimals to the nearest tenth
- Put decimals with up to three decimal places into size order Begin to use the % symbol to relate to the 'number of parts per hundred'

Measurements

- Convert between metric units, such as centimetres to metres or grams to kilograms
- Use common approximate equivalences for imperial measures, such as $2.5\text{cm} \approx 1\text{ inch}$
- Calculate the area of rectangles using square centimetres or square metres
- Calculate the area of shapes made up of rectangles
- Estimate volume (in cm^3) and capacity (in ml)

Shape and Position

- Estimate and compare angles, and measure them to the nearest degree
- Know that angles on a straight line add up to 180° , and angles around a point add up to 360°
- Use reflection and translation to change the position of a shape

Graphs and Data

- Read and understand information presented in tables, including timetables
- Solve problems by finding information from a line graph