



Earth and Space

Year 5 - Spring term 2023

Maths:

MULTIPLICATION, DIVISION AND FRACTIONS!!!

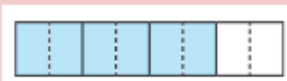
Do it! Secure it! Deepen it!

This term, children in Year 5 will be continuing their fascinating learning journey with FRACTIONS, MULTIPLICATION and DIVISION! As with all areas of the maths curriculum, times tables will play a vital role in this term's adventure. Mental recall and calculation are massively important; therefore, we will continue to focus on improving our understanding and ability to use and apply known facts to help solve everyday problems linked to fractions and multiplication problems. Both Mr Bagley and Miss Smith are hugely excited to launch into the world of fractions and multiplication with Year 5...

We will build on our prior knowledge of understanding of equivalents, mixed numbers to improper fractions and comparing and ordering. Year 5 will now look at:

$$2\frac{1}{6} + 2\frac{2}{3} \quad 2\frac{3}{8} - \frac{11}{16}$$

Adding and subtracting fractions



Using bar models to compare Fractions

$$\frac{7}{3} = 2\frac{1}{3}$$

Converting improper fractions to mixed numbers

	1	3	2
3	3	9	6

Multiplication of 2, 3 and 4 digit numbers.

Using multiplication and division to solve problems.

Short division

Over the course of the term, the children will use **Times Tables Rockstars** and **MyMaths**, both in school and at home, to help to enrich and deepen their learning. Children can also use **Numbots** to help develop and maintain their understanding of number bonds. All of these programmes are exciting, hugely rewarding and have a massively **positive impact on times tables** understanding. **Nrich** offer real-life problems and challenges that the children love to solve!



English:

Say it!

Write it!

Check it!!

English:

English in year 5 has been really exciting so far this year...so we thought we'd keep it that way!

We will spend most of this half term looking at a range of fiction and non-fiction texts, keeping a close link with our STAR learning. We will be starting by creating a space themed poem and learning about the moons phases to write an explanation text.

We will return to fiction writing to spend some time on Planet Unknown, where we will focus on modification of nouns to aid in description as we create our own strange and wonderful worlds based on our learning so far. The children will then recap on their knowledge of explanation texts as they show off their learning about the novel Hidden Figures and the amazing women who made the American rocket launch possible!

Spelling:

A separate list will be attached to this learning letter which contains your child's spelling list for the following half term. We ask that whenever possible you are continuing to revisit words from the year 5 and 6 spelling list as well as practising the words being sent home each week. Your child has an account for Spelling Shed which they can use to practise at home as frequently as possible.

Reading:

Children in year 5 will be taking part in daily reading activities to help them develop their understanding of more complex texts. We will look at fiction as well as non fiction with an initial focus on vocabulary each week before digging deeper into the text to pick apart its meaning. It is also vital that you are still hearing your child read at home, regardless of how confident they feel about reading. As well as listening to them, ask questions about the text help to solidify their understanding – what has happened?, what do you think will happen?, why does this character behave like this? Children should try and read a range of genres as well as a selection of non-fiction and poetry. If you are struggling for books and authors to read, we recommended having a look at this list of 50 Recommended Reads for Year 5. [Click here](#)

All children should be reading for at least 30 minutes each day and recording this on BoomReader.

Class Reader: Cosmic by Frank Cottrell-Boyce

Liam is too big for his boots. And his football strip. And his school blazer. But being super-sized height-wise has its advantages: he's the only eleven-year-old to ever ride the G-force-defying Cosmic rollercoaster - or to be offered the chance to drive a Porsche. Long-legged Liam makes a giant leap for boy-kind by competing with a group of adults for the chance to go into space. Is Liam the best boy for the job? Sometimes being big isn't all about being a grown-up.

