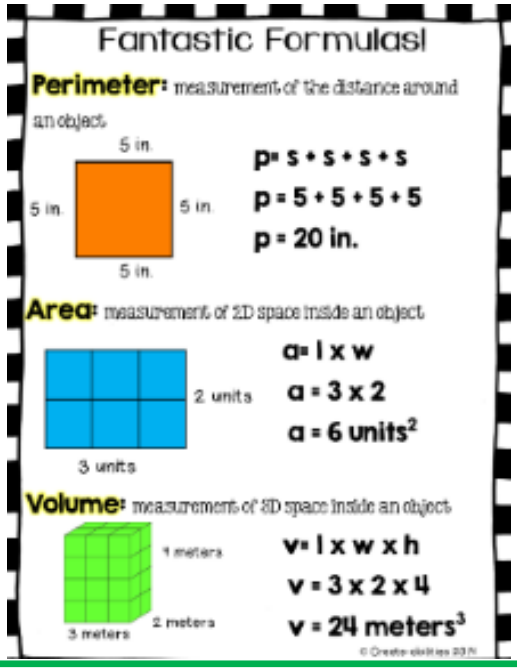
Maths Masterclass

Year 6: Spring 2

Alongside the half-termly curriculum information, we will be including additional information about the maths learning that your child will be undertaking over the coming weeks. This includes some of the methods used in school to help you understand how we teach maths and make it easier to support your child with their learning.

Volume

We will be looking at using formula to find volume this term and also looking at area and perimeter.



Measures

We will be recapping converting of measures this term. Children undertake a weekly challenge on converting measures as part of their arithmetic. Ensuring your child is confident in multiplying and dividing by 10,100 and 1000 will help with this.

We will also look at converting between miles and kilometres.

Facts to remember:
1 mile = 1.6km
5 miles= 8km

Number and Place Value– Factors, multiples and prime numbers

This term children will be looking at factors, multiples and prime numbers. They will be looking at common factors and common multiples and investigating patterns with these numbers. This is a good chance to ensure your child is secure in their times tables. Remind them of TTRS which they can use to improve their fluency. A good understanding of their times tables will be very beneficial to the children particularly in their arithmetic and fraction work.

Algebra

Following our work on formulae, children will be :

- looking at express missing number problems algebraically
- find pairs of numbers that satisfy an equation with two

unknowns

B + C = 12

Can you find two numbers that Add together to make 12?

B	C
1	11
2	10
3	9
4	8
5	7

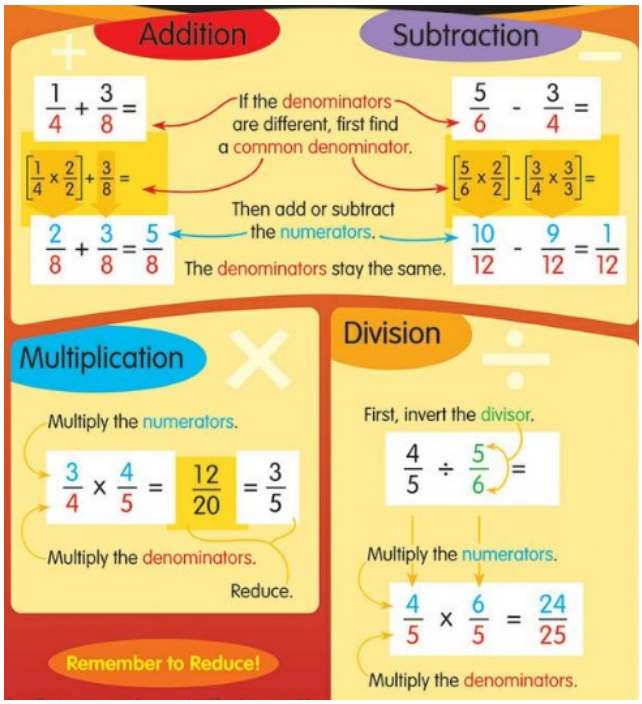
We could use a table to start listing some

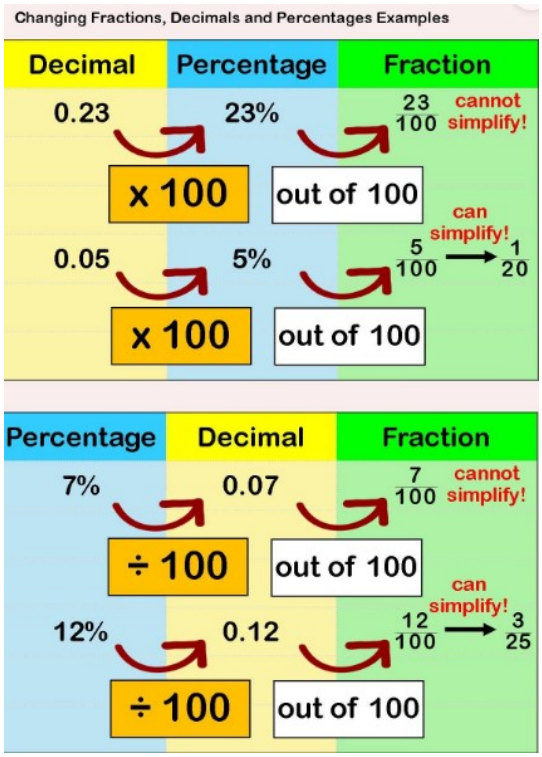
Children will be set weekly homework from their Maths homework books this term. These are 10minute assessments which we will go through together in school. We will also be providing a SATS club during one lunch time a week and once a week after school. Please remind children there is also MyMaths for them to complete if they wish and TTRS if they need/wish to develop their fluency.

Maths at Home

Fractions

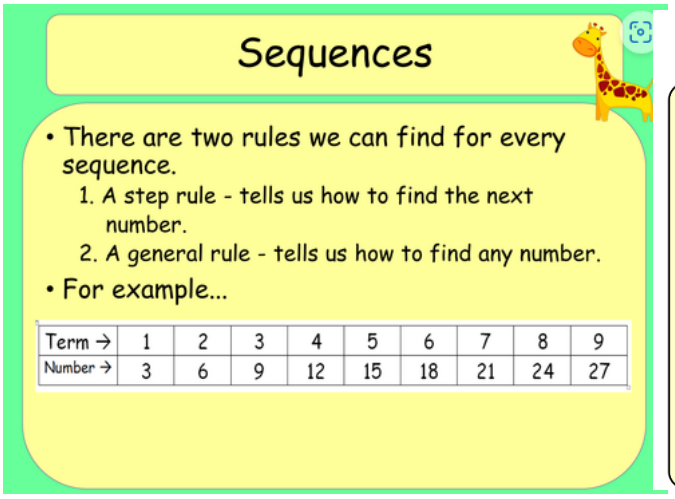
We will be revisiting fractions. We will looking at using the four operations with fractions as well as recapping how to convert between fractions, decimals and percentages.





Formula

Children will be using simple formulae and be generating and describing linear number sequences.



Term →	1	2	3	4	5	6	7	8	9
Number →	3	6	9	12	15	18	21	24	27