

A Warm Hello from Our KS2 Maths Lead, Mrs Marshall

I am excited to share with you the learning that will be taking place for your child.

## MATHEMATICS YEAR 3

### Spring topics:

Multiplication and division using the multiplication tables

Multiply two-digit numbers times one-digit numbers

Measure, compare, add and subtract: lengths (m/cm/mm); mass (kg/g);  
volume/capacity (l/ml)

Measure the perimeter of simple 2-D shapes

Recognise and use fractions as numbers

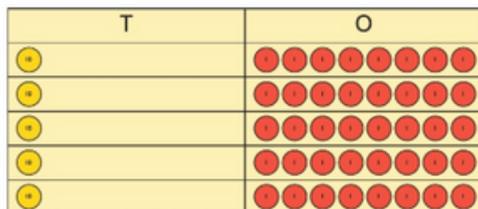
Compare and order unit fractions, and fractions with the same denominators

### Times Tables

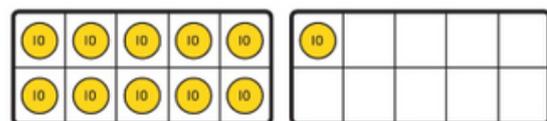
At the end of Year 4, pupils will complete the **Multiplication Tables Check**. Therefore during year 3 we encourage our pupils to focus on learning **all** the times tables to build confidence and help prepare them for year 4. We encourage you to support your children with their learning and ask children to look at their heat map on Times Table Rockstars to see the tables they need to focus on.

$$5 \times 18 = \underline{\quad}$$

### We use pictorial representations in our learning.

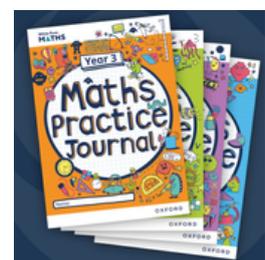


Show 110 using the ten frame.



### To support your child with their learning:

- Check the weekly overview to see the current topic;
- Play games with your child to help them remember and recall their times tables;
- Work through homework on Maths Shed supporting your child to complete it when necessary;
- Download the **1 minute maths app** – free to practice number fluency;
- **White Rose Maths** also have a Homework Maths Practice Journal.



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## MATHEMATICS YEAR 4

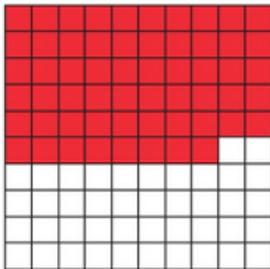
### Spring topics:

- Recall multiplication and division facts for multiplication tables up to  $12 \times 12$
- Recognise and use factor pairs and commutativity in mental calculations
- Multiply two-digit and three-digit numbers by a one-digit number
- Convert between different units of measure e.g. kilometre to metre; hour to minute
- Compare and order unit fractions, and fractions with the same denominators
- Add and subtract fractions with the same denominator
- Solve problems with fractions
- Recognise and write decimal equivalents of any number of tenths or hundredths.

### Times Tables

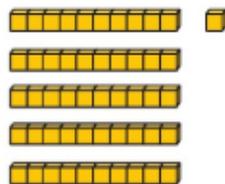
At the end of Year 4, pupils will complete the **Multiplication Tables Check**. This takes place between 2<sup>nd</sup> June and 13<sup>th</sup> June 2026. The purpose of the MTC is to determine whether pupils can recall their times tables fluently, which is essential for future success in mathematics. We encourage you to support your children with their learning and ask children to look at their heat map on Times Table Rockstars to see the tables they need to focus on.

What fraction is shaded?



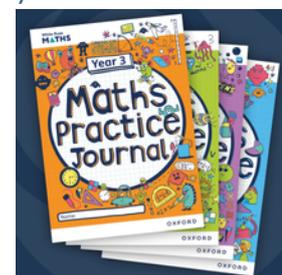
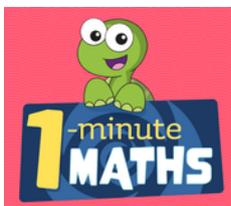
We use pictorial representations in our learning.

Divide 51 into 3 groups .

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- **White Rose Maths** also have a Homework Maths Practice Journal.



# MATHEMATICS YEAR 5

## Spring topics:

Multiply numbers up to 4 digits by a one- or two-digit number

Divide numbers up to 4 digits by a one-digit number

Recognise mixed numbers and improper fractions and convert from one form to the other

Multiply proper fractions and mixed numbers by whole numbers

Read and write decimal numbers as fractions

Round decimals with two decimal places to the nearest whole number and to one decimal place

Read, write, order and compare numbers with up to three decimal places

Measure and calculate the perimeter of composite rectilinear shapes

## Arithmetic and Fluency

Ensuring pupils have strong number fluency skills is key in year 5. Frequent practice of addition, subtraction, multiplication and division will provide them with a steady knowledge to support them in lessons, build confidence and help prepare them for year 6.

Arithmetic practice questions can be found on Maths Bot -

<https://mathsbot.com/primary/year5>

## We use pictorial representations in our learning.

$$135 \times 5 = \square$$

H	T	O
●	●●●	●●●●●
●	●●●	●●●●●
●	●●●	●●●●●
●	●●●	●●●●●
●	●●●	●●●●●

Which fraction is represented in the place value grid?

0	Tth
0	3

## To support your child with their learning:

- Check the weekly overview to see the current topic;
- Play games with your child to help them remember and recall their times tables;
- Work through homework on Maths Shed supporting your child to complete it when necessary;
- **White Rose Maths** also have a Homework Maths Practice Journal.
- The 1 minute maths app will help with basic number fluency if you need a little more help.



# MATHEMATICS YEAR 6



## Spring topics:

Solve problems involving the relative sizes of two quantities where missing values can be found by using integer multiplication and division facts

Use simple formulae

Identify the value of each digit in numbers given to three decimal places and multiply and divide numbers by 10, 100 and 1000 giving answers up to three decimal places

Use written division methods in cases where the answer has up to two decimal places

Recall and use equivalences between simple fractions, decimals and percentages, including in different contexts

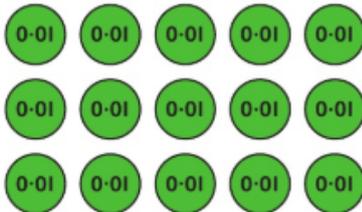
## Arithmetic and Fluency

Building confidence in preparation for the year 6 SATS starts with arithmetic. Master then arithmetic and then learn to apply the math!

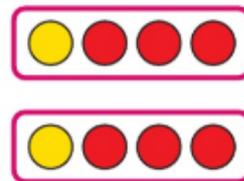
Arithmetic practice questions can be found on Maths Bot -  
<https://mathsbot.com/primary/ks2>

What is the number?

**We use pictorial representations in our learning.**



What is the ratio of yellow to red counters?



## To support your child with their learning:

- Check the weekly overview to see the current topic;
- Play games with your child to help them remember and recall their times tables;
- Work through homework on Maths Shed supporting your child to complete it when necessary;
- BBC Bitesize has resources for KS2 SATS -  
<https://www.bbc.co.uk/bitesize/articles/zrybvk7#zs82p9q>
- **White Rose Maths** also have a Homework Maths Practice Journal.

