

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12
Autumn	Number: Place Value				Number: Addition and Subtraction			Measurement: Length and Perimeter		Number: Multiplication and Division		
Spring	Measurement: Area Area			Number: Fractions				Number: Decimals				
Summer	Num Deci		Measurement: Money			rement: me	Statistics	Geometry: Properties of Shape		Geometry: Position and Direction		Consolidation

Year 4 | Autumn Term | Week 1 to 4 - Number: Place Value



Overview

Small Steps



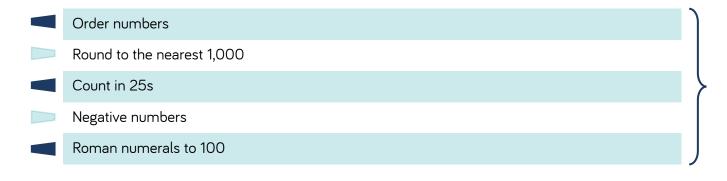
Notes for 2020/21

We begin by encouraging spending time on numbers within a 1,000 to ensure they are secure on this knowledge before moving into 10,000.

Using equipment or digital manipulatives may help children increase their understanding.



Small Steps



Notes for 2020/21

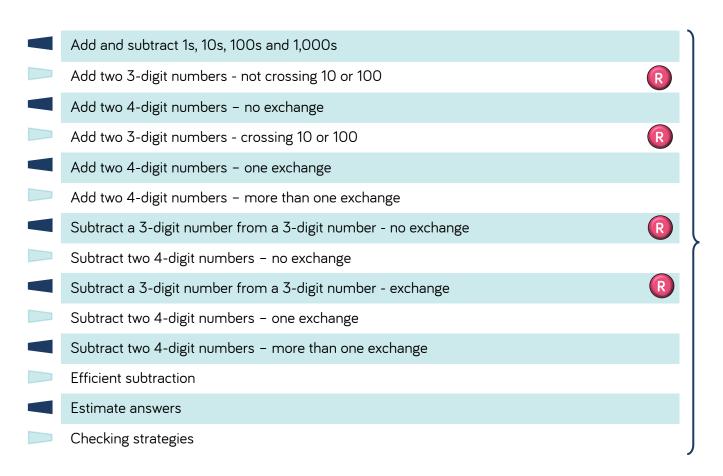
Work on Roman Numerals has been moved to the end of the block as we believe it is important for children to be secure with our own number system before exploring another.

Year 4 | Autumn Term | Week 5 to 7 - Number: Addition & Subtraction



Overview

Small Steps



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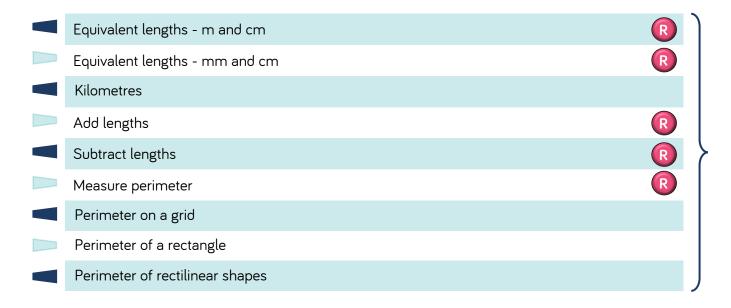
Notes for 2020/21

As we move through the autumn term we've suggested you spend a little more time on addition and subtraction making sure children can add any 2 and 3 digit numbers, before moving into 4 digit numbers.

Ensuring children have this solid foundation will make the move into larger numbers much simpler.



Small Steps



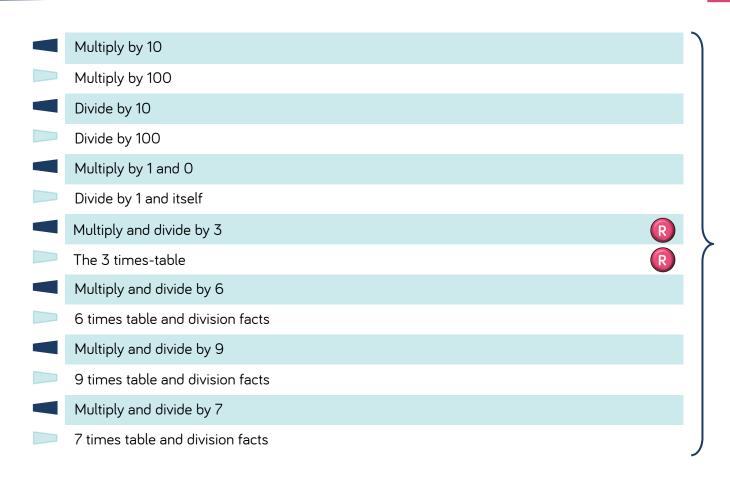
Notes for 2020/21

We've added extra time in autumn term to look at content children have likely missed at the end of Y3, particularly on metric units and conversion between them.

This is often a skill children find difficult to remember and grasp, so we think this extra time will be useful.



Small Steps



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Notes for 2020/21

We have added in the 3 times table steps from year 3 to help support children's understanding of the 6 and 9 times tables and see the links between them.

We feel that it is vital that there is plenty of practice of times table facts. This will help children with their future learning in many areas of mathematics.

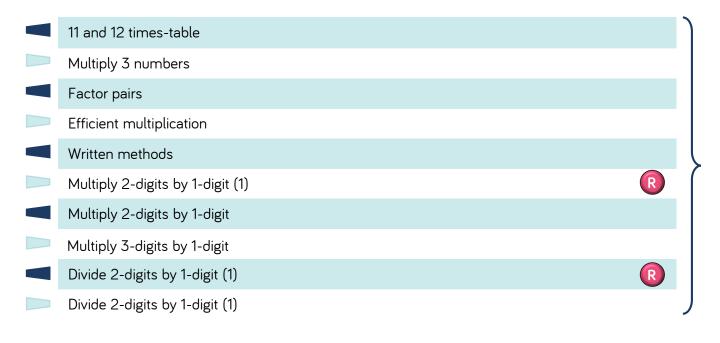
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Year 4 | Spring Term | Week 1 to 3 – Number: Multiplication & Division



Overview

Small Steps



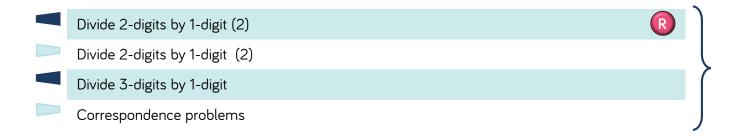
Notes for 2020/21

These steps may look similar but these are difficult concepts and children need to spend time exploring different representations of multiplication with no exchange before moving on. They need to use manipulatives to support understanding and make links with repeated addition.

Similarly with division, children will first need to explore examples with no exchange or remainders, making links to the inverse.



Small Steps



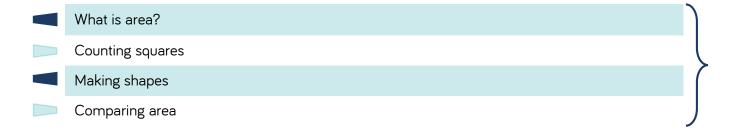
Notes for 2020/21

The final division steps introduce remainders and begin to look at generalisations.

Continue to use place value counters and visual models to support understanding.



Small Steps



Notes for 2020/21

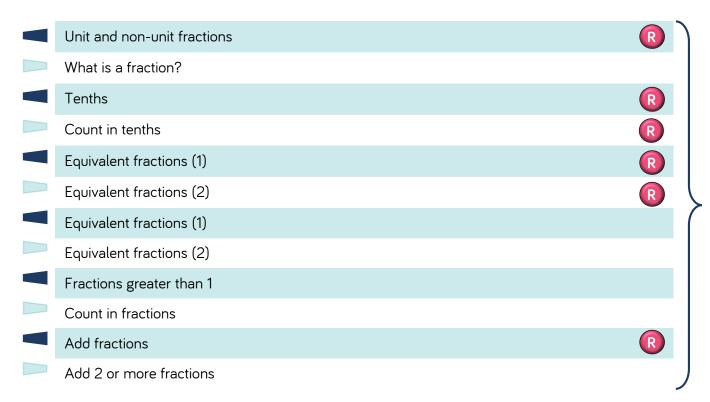
This is brand new learning for children. Opportunities for exploration of vocabulary is key. Make sure children cover larger surfaces and have a clear understanding of the concept of area before moving onto counting small squares.

Year 4 | Spring Term | Week 5 to 8 - Number: Fractions



Overview

Small Steps



Notes for 2020/21

Year 3 fractions work was in the summer term and learning may have been missed. We have therefore added a number of recap steps to ensure children have a thorough understanding of tenths and equivalent fractions before moving into adding and subtracting.

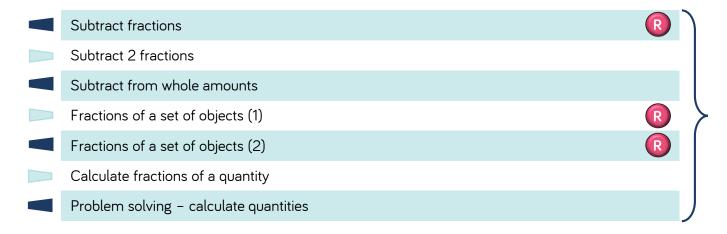
The progression from paper folding and finding two equivalent fractions is explored before moving onto looking at numerical relationships in a more abstract way.

Year 4 | Spring Term | Week 5 to 8 - Number: Fractions



Overview

Small Steps



Notes for 2020/21

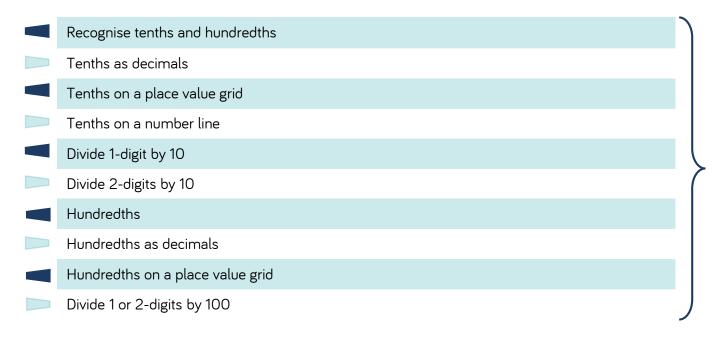
The recap step here suggests children use practical equipment and pictorial representations to subtract fractions with the same denominator within one whole. They can then apply this to subtracting more than one fraction and from whole amounts.

Year 4 | Spring Term | Week 9 to 11 - Number: Decimals



Overview

Small Steps



Notes for 2020/21

This is new learning so there are no recap steps here. Children will need to explore the link with fractions and decimals using concrete manipulatives and pictorial representations.

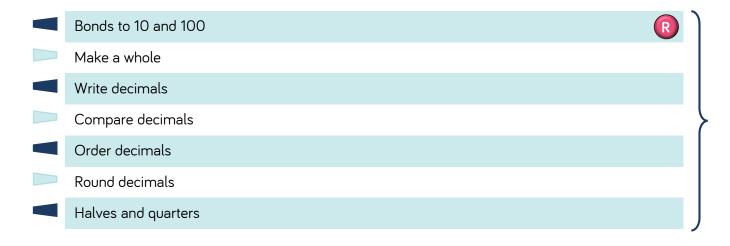
Using counters on a place value chart will help children see the connections when dividing by 10 and by 100.

Year 4 | Summer Term | Week 1 to 2 - Number: Decimals



Overview

Small Steps



Notes for 2020/21

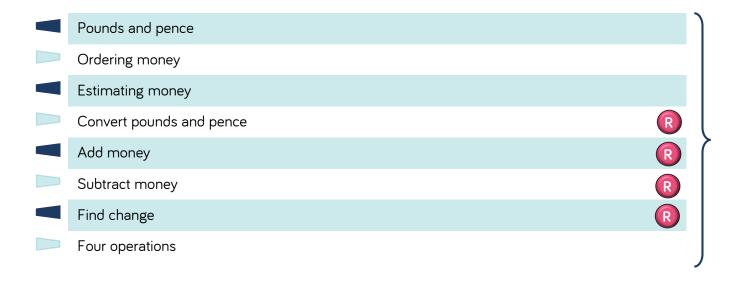
Whilst the majority of learning in this block will be new for all children, fluency in number bonds to both 10 and 100 will support children with their understanding of decimals so time should be spent recapping these.

Year 4 | Summer Term | Week 3 to 4 - Measurement: Money



Overview

Small Steps



Notes for 2020/21

This step provides further consolidation on the previous block of learning as children write money using decimal notation.

Time is allowed to recap basic calculations with money from year 3 before looking at more complex examples.

Year 4 | Summer Term | Week 5 to 6 - Measurement: Time



Overview

Small Steps

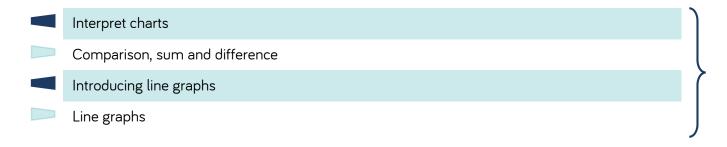


Notes for 2020/21

Children should first recap telling the time to different degrees of accuracy from year 3 before moving on to new learning focused around converting between different units of time.



Small Steps



Notes for 2020/21

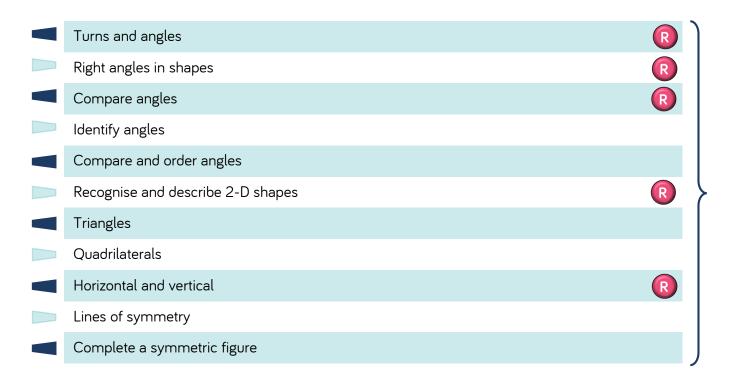
Less time is allowed for this block than there has been in previous years to ensure more time can be spent on number. Science is a good opportunity to consolidate statistics if needed.

Year 4 | Summer Term | Week 8 to 10 - Geometry: Properties of Shape



Overview

Small Steps



Notes for 2020/21

The new learning in this block requires students to be confident in the prerequisite steps from year 3

These are included here for recap as they are likely to have been taught remotely during the last academic year.



Small Steps



Notes for 2020/21

This is the first time children are introduced to position and direction on a coordinate grid.

They may need reminding of key words related to this topic such as left, right, forwards and backwards.