	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					Number: Multiplication and Division			
Spring	Number: Multiplication and Division			Measurement: Money	Statistics		Measurement: Length and Perimeter			Number: Fractions		Consolidation
Summer	Number: Fractions			Measurement: Time			Geometry: Properties of Shape		Measurement: Mass and Capacity			Consolidation

Overview

Small Steps

Represent numbers to 100	R
Tens and ones using addition	R
Hundreds	
Represent numbers to 1,000	
100s, 10s and 1s (1)	
100s, 10s and 1s (2)	
Number line to 1,000	
Find 1, 10, 100 more or less than a given number	
Compare objects to 1,000	
Compare numbers to 1,000	
Order numbers	
Count in 50s	

Notes for 2020/21

Children should already have some understanding of tens and ones from Y2, however it may be useful to recap this content before exploring hundreds.

You may want to ensure that you use plenty of examples of numbers within 100 including number lines to 100 before moving on to the number line to 1,000

Overview

Small Steps

Add and subtract multiples of 100	
Add and subtract 1s	R
Add and subtract 3-digit and 1-digit numbers – not crossing 10	
Add a 2-digit and 1-digit number - crossing 10	R
Add 3-digit and 1-digit numbers – crossing 10	
Subtract a 1-digit number from 2-digits - crossing 10	R
Subtract a 1-digit number from a 3-digit number – crossing 10	
Add and subtract 3-digit and 2-digit numbers – not crossing 100	
Add 3-digit and 2-digit numbers – crossing 100	
Subtract a 2-digit number from a 3-digit number – crossing 100	
Add and subtract 100s	
Spot the pattern – making it explicit	
Add two 2-digit numbers - crossing 10 - add ones & add tens	R
Subtract a 2-digit number from a 2-digit number - crossing 10	R

Notes for 2020/21

Children should have met addition and subtraction of 2-digits + 2-digits, although it may not be embedded and they may not have met the formal column method.

We have added steps that provide opportunity for recap/introduce the formal method of 2-digits + 2-digits.

Overview

Small Steps

- Add and subtract a 2-digit and 3-digit numbers – not crossing 10 or 100
- Add a 2-digit and 3-digit numbers – crossing 10 or 100
- Subtract a 2-digit number from a 3-digit number – crossing 10 or 100
- Add two 3-digit numbers – not crossing 10 or 100
- Add two 3-digit numbers – crossing 10 or 100
- Subtract a 3-digit number from a 3-digit number – no exchange
- Subtract a 3-digit number from a 3-digit number – exchange
- Estimate answers to calculations
- Check answers

Notes for 2020/21

Use the early steps in this unit to recap place value of 2-digit and 3-digit numbers.

You may want to omit the estimate and check answers steps and instead embed this throughout the other steps.

Overview

Small Steps

Multiplication – equal groups	
Multiplication using the symbol	R
Using arrays	R
2 times-table	R
5 times-table	R
Make equal groups - sharing	R
Make equal groups - grouping	R
Divide by 2	R
Divide by 5	R
Divide by 10	R
Multiply by 3	
Divide by 3	
The 3 times table	

Notes for 2020/21

Children should have met the 2, 5 and 10 times table including being able to divide by 2, 5 and 10. However it may not be fully embedded.

These recap steps could be filtered in during starters or morning work to aim for fluency.

Overview

Small Steps

- Multiply by 4
- Divide by 4
- The 4 times table
- Multiply by 8
- Divide by 8
- The 8 times table

Notes for 2020/21

Understanding of the 4 and 8 times table relies on a deep knowledge of the 2s, therefore a recap would be useful.

Overview

Small Steps

- Consolidate 2, 4 and 8 times-tables (R)
- Comparing statements
- Related calculations
- Multiply 2-digits by 1-digit (1)
- Multiply 2-digits by 1-digit (2)
- Divide 2-digits by 1-digit (1)
- Divide 2-digits by 1-digit (2)
- Divide 2-digits by 1-digit (3)
- Scaling
- How many ways?

Notes for 2020/21

The 2, 4 and 8 times-tables are revisited here to ensure children are fully equipped for the rest of the learning in this block.

Base 10 equipment and place value counters are useful to explore the topic. Some children may find the jump from Base 10 to counters quite difficult and they should only be moved on when they are ready.

Overview

Small Steps

1. Count money (pence) (R)
2. Count money (pounds) (R)
3. Pounds and pence
4. Convert pounds and pence
5. Add money
6. Subtract money
7. Give change

Notes for 2020/21

Counting money in pounds and pence is revisited here before children start looking at them side by side.

At this stage children should not learn about money using decimals, although they may have come across this in real life. Instead they learn about money in terms of a number of pounds and a number of pence.

Overview

Small Steps

Make tally charts	R
Draw pictograms (2, 5 and 10)	R
Interpret pictograms (2, 5 and 10)	R
Pictograms	
Bar Charts	
Tables	

Notes for 2020/21

Tally charts and pictograms are revisited as this content may have been missed in 2020.

This will help children access the rest of the content on bar charts and table. Use this block to consolidate previous number work.

Overview

Small Steps

- Measure length
- Measure length (m) R
- Equivalent lengths – m & cm
- Equivalent lengths – mm & cm
- Compare lengths R
- Compare lengths
- Add lengths
- Subtract lengths
- Measure perimeter
- Calculate perimeter

Notes for 2020/21

In this block, additional time has been given to measuring lengths, comparing lengths and calculating perimeter.

A secure understanding of place value and addition and subtraction will be needed to access the new learning.

Overview

Small Steps

Make equal parts	R
Recognise a half	R
Find a half	R
Recognise a quarter	R
Find a quarter	R
Recognise a third	R
Find a third	R
Unit fractions	R
Non-unit fractions	R
Equivalence of $\frac{1}{2}$ and $\frac{2}{4}$	R
Count in fractions	R

Notes for 2020/21

The year 3 fractions content has been moved to the summer term so that more time can be spent revisiting the fractions content from Year 2.

Some children may have missed this content or not fully grasped it in 2020. Having a firm foundation with fractions is important for confidence and future success in mathematics, hence the reason for extra time dedicated to the topic.

Overview

Small Steps

1. Making the whole
2. Tenths
3. Count in tenths
4. Tenths as decimals
5. Fractions on a number line
6. Fractions of a set of objects (1)
7. Fractions of a set of objects (2)
8. Fractions of a set of objects (3)
9. Equivalent fractions (1)
10. Equivalent fractions (2)
11. Equivalent fractions (3)
12. Compare fractions
13. Order fractions
14. Add fractions
15. Subtract fractions

Notes for 2020/21

The time that was allocated for fractions in the Spring term was dedicated to recapping the fractions content from year 2.

Children should now have a secure understanding of what a fraction is that can be built upon throughout this block of learning.

You might notice the small step on unit and non-unit fractions does not appear, this is because the two concepts were covered explicitly at the end of the Spring term. Ensure the terminology is used appropriately throughout to reinforce the concept.

Overview

Small Steps

- O'clock and half past (R)
- Quarter past and quarter to (R)
- Months and years
- Hours in a day
- Telling the time to 5 minutes
- Telling the time to the minute
- Using a.m. and p.m.
- 24-hour clock
- Finding the duration
- Comparing durations
- Start and end times
- Measuring time in seconds

Notes for 2020/21

Children should be able to tell the time to the hour, half hour and quarter of an hour before moving on to tell the time to the nearest 5 minutes and then the nearest minute.

You may choose to cover these steps daily across the year to save time for some of the earlier concepts such as place value, addition and subtraction and multiplication and division.

Overview

Small Steps

- Turns and angles
- Right angles in shapes
- Compare angles
- Draw accurately
- Horizontal and vertical
- Parallel and perpendicular
- Recognise and describe 2-D shapes
- Recognise and describe 3-D shapes
- Make 3-D shapes

Notes for 2020/21

This content is brand new for all children and so no recap steps are required.

Overview

Small Steps

1. Compare mass (R)
2. Measure mass (1)
3. Measure mass (2)
4. Compare mass
5. Add and subtract mass
6. Compare volume (R)
7. Measure capacity (1)
8. Measure capacity (2)
9. Compare capacity
10. Add and subtract capacity
11. Temperature (R)

Notes for 2020/21

Recap steps are included to provide the opportunity for children to revisit what is meant by mass, capacity and volume before building on this knowledge.

This is also a good place to revisit the concept of temperature so this has been added in to the steps.