

	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 (within 10)				Number: Addition and Subtraction (within 10)					Geometry: Shape	Number: Place Value (within 20)	
Spring	Consolidation	Number: Addition and Subtraction (within 20)			Number: Place Value (within 50)			Measurement: Length and Height		Measurement: Weight and Volume		Consolidation
Summer	Consolidation	Number: Multiplication and Division			Number: Fractions		Geometry: Position and Direction	Number: Place Value (within 100)		Measurement: Money	Measurement: Time	

Overview

Small Steps

Notes for 2020/21

- Sort objects
- Count objects
- Represent objects
- Count, read and write forwards from any number 0 to 10
- Count, read and write backwards from any number 0 to 10
- Count one more
- Count one less
- One-to-one correspondence to start to compare groups
- Compare groups using language such as equal, more/greater, less/fewer
- Introduce $<$, $>$ and $=$ symbols
- Compare numbers
- Order groups of objects
- Order numbers
- Ordinal numbers (1st, 2nd, 3rd ...)
- The number line

The importance of early number and early understanding of mathematics cannot be underestimated. With the learning of reception children being disrupted, we've decided to put a bit more time early in Year 1 on numbers to 10, particularly around place value and the introduction to the concept of parts and wholes.

Devote more time to this block if needed before moving on and continue to revisit difficult concepts such as comparing numbers.

Overview

Small Steps

Notes for 2020/21

- ▶ Part-whole model
- ▶ Addition symbol
- ▶ Fact families – addition facts
- ▶ Find number bonds for numbers within 10
- ▶ Systematic methods for number bonds within 10
- ▶ Number bonds to 10
- ▶ Compare number bonds
- ▶ Addition – adding together
- ▶ Addition – adding more
- ▶ Finding a part
- ▶ Subtraction – taking away, how many left? Crossing out
- ▶ Subtraction – taking away, how many left? Introducing the subtraction symbol
- ▶ Subtraction – finding a part, breaking apart
- ▶ Fact families – the 8 facts
- ▶ Subtraction – counting back

The importance of early number and early understanding of mathematics cannot be underestimated. With the learning of reception children being disrupted, we've decided to put a bit more time early in Year 1 on numbers to 10, particularly around place value and the introduction to the concept of parts and wholes.

Number bonds are particularly important so ensure sufficient time is spent on these.

Overview

Small Steps

Notes for 2020/21

- ▶ Subtraction – finding the difference
- ▶ Comparing addition and subtraction statements $a + b > c$
- ▶ Comparing addition and subtraction statements $a + b > c + d$

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Overview

Small Steps

Notes for 2020/21

- ▶ Recognise and name 3-D shapes
- ▶ Sort 3-D shapes
- ▶ Recognise and name 2-D shapes
- ▶ Sort 2-D shapes
- ▶ Patterns with 3-D and 2-D shapes

This should be brand new content for Year 1.

Try to make this block as practical as possible and use outdoor space to explore shapes in nature.

Overview

Small Steps

Notes for 2020/21

- Count forwards and backwards and write numbers to 20 in numerals and words
- Numbers from 11 to 20
- Tens and ones
- Count one more and one less
- Compare groups of objects
- Compare numbers
- Order groups of objects
- Order numbers

Only move onto numbers to 20 at this stage if children are secure and confident with numbers to 10.

An extra week is given at the start of the Spring term to consolidate this learning.

Overview

Small Steps

Notes for 2020/21

- ▶ Add by counting on
- ▶ Find & make number bonds
- ▶ Add by making 10
- ▶ Subtraction – Not crossing 10
- ▶ Subtraction – Crossing 10 (1)
- ▶ Subtraction – Crossing 10 (2)
- ▶ Related facts
- ▶ Compare number sentences

Addition within 10 is a vital topic in year 1 therefore we have given these concepts more time within our scheme of learning.

If children have a firm grasp of these concepts they will have a strong foundation to build upon in later years.

Overview

Small Steps

Notes for 2020/21

- Numbers to 50
- Tens and ones
- Represent numbers to 50
- One more one less
- Compare objects within 50
- Compare numbers within 50
- Order numbers within 50
- Count in 2s
- Count in 5s

This block builds on previous learning on place value.

Spend time consolidating work with smaller numbers before moving on to numbers within 50.

Links should be made between numbers below 10 so that children are constantly using their prior learning to help them.

Overview

Small Steps

Notes for 2020/21

- ▶ Compare lengths and heights
- ▶ Measure length (1)
- ▶ Measure length (2)

This should be a very practical block of learning and prior learning on place value and addition and subtraction can be consolidated and extended.

Overview

Small Steps

Notes for 2020/21

- Introduce weight and mass
- Measure mass
- Compare mass
- Introduce capacity and volume
- Measure capacity
- Compare capacity

Measuring and comparing activities can be brought to life using real examples that will develop children's understanding of the world around them.

Similarly to the length and height block, this block is useful to consolidate place value and addition and subtraction.

Overview

Small Steps

Notes for 2020/21

- Count in 2s R
- Count in 5s R
- Count in 10s
- Make equal groups
- Add equal groups
- Make arrays
- Make doubles
- Make equal groups – grouping
- Make equal groups – sharing

We have chosen to revisit counting in 2s and 5s from the spring term before children move on to look at counting in 10s. Practical equipment is encouraged throughout this block to help cement these essential mathematical concepts with children.

Overview

Small Steps

Notes for 2020/21

- Find a half (1)
- Find a half (2)
- Find a quarter (1)
- Find a quarter (2)

You may choose to omit this block of learning in favour of spending more time on basic number. Children will be introduced to the ideas of halves and quarters again in year 2.

Overview

Small Steps

Notes for 2020/21

- Describe turns
- Describe position (1)
- Describe position (2)

Practical activities are encouraged to help children understand how to describe position, direction and movement, including whole, half, quarter and three quarter turns.

Consider omitting the language of half and quarter turns if fractions was not covered.

Overview

Small Steps

Notes for 2020/21

- Counting forwards and backwards within 100
- Partitioning numbers
- Comparing numbers (1)
- Comparing numbers (2)
- Ordering numbers
- One more, one less

Children continue their learning on place value. Start with numbers within 10, 20 and 50 to ensure understanding of this before moving on to look at numbers within 100.

Overview

Small Steps

Notes for 2020/21

- ▶ Recognising coins
- ▶ Recognising notes
- ▶ Counting in coins

When counting in coins, focus on 1p, 2p, 5p and 10p coins to build on understanding of counting in 1s, 2s, 5s and 10s from earlier in the year.

Overview

Small Steps

Notes for 2020/21

- Before and after
- Dates
- Time to the hour
- Time to the half hour
- Writing time
- Comparing time

You may choose to omit these steps to focus on some of the earlier learning on place value and addition and subtraction. Time will be revisited in Year 2 or could be taught through short daily inputs throughout the year.