

## Measurement

Begin to make comparisons between objects relating to size, length weight and
capacity
Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then' etc

## Properties of Shape

Talk about and explore 2D and 3D shapes (for example circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners'; 'straight', 'flat', 'round'

Begin to select shapes appropriately eg triangle for a roof
Combine shapes to make new ones

## Position and Direction

Understand position through words alone - for example,
"The bag is under the table,"

- with no pointing

Begin to describe a familiar route
Begin to discuss positions using words such as 'in front
of' and 'behind'

## Patterns

Begin to talk about and identifies the patterns around them. For example: tripes on clothes, designs on rugs and wallpaper. Use informal language like

Measurement
Begin to make comparisons
between objects relating to
size, length weight and capacity

Begin to describe a sequence of events, real or fictional, using words such
as 'first', 'then' etc

## Properties of Shape

Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: sides', 'corners'; ‘straight' 'flat', 'round'

Begin to select shapes appropriately eg triangle for a roof

## Position and Direction

Understand position through words alone - for example, "The bag is under the table," - with no pointing
Describe a familiar route Begin to discuss positions using words such as 'in front of' and 'behind' Patterns
Begin to talk about and identifies the patterns around them. For example stripes on clothes, designs on rugs and wallpaper. Use

## Measurement

Make comparisons between objects relating to size, length weight and capacity

Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then' etc
Properties of Shape
Talk about and explore 2D
and 3D shapes (for
example, circles, rectangles, triangles and cuboids) using informal and mathematical language: ‘sides', 'corners'; ‘straight', 'flat' 'round'

Select shapes appropriately eg triangle for a roof
Combine shapes to make new ones

## Position and Direction

Understand position
through words alone - for example, "The bag is under the table," - with no pointing
Describe a familiar route Begin to discuss positions using words such as 'in front of' and 'behind' Patterns
Talk about and identifies he patterns around them. For example: stripes on clothes, designs on rugs

Measurement
Make comparisons
between objects relating to size, length weight and capacity

Begin to describe a sequence of events, real or fictional, using words such
as 'first', 'then' etc

## Properties of Shape

Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical language: 'sides', 'corners'; 'straight', 'flat', 'round'

Select shapes appropriately
eg triangle for a roof
Combine shapes to make new ones

## Position and Direction

Understand position through words alone - for example, "The bag is under the table," - with no pointing
Describe a familiar route Begin to discuss positions using words such as 'in front of' and 'behind'

## Patterns

Talk about and identifies the patterns around them For example: stripes on clothes, designs on rugs and wallpaper. Use informal language like

## Measurement

Make comparisons
Measurement Mween objects relating to size, length weight and
capacity

Begin to describe a sequence of events, real or fictional, using words such as 'first', 'then' etc
Properties of Shape
Talk about and explore 2D and 3D shapes (for example, circles, rectangles, triangles and cuboids) using informal and mathematical
language: 'sides', corners'; 'straight', 'flat', 'round'

Select shapes
appropriately eg triangle for a roof
Combine shapes to make new ones
Position and Direction Understand position through words alone for example, "The bag is under the table," - with no pointing
Describe a familiar route Begin to discuss positions using words such as 'in front of' and 'behind' Patterns
Talk about and identifies the patterns around them. For example: stripes on clothes, designs on rugs and

Make comparisons etween objects relating to size, length weight and capacity

Begin to describe a sequence of events, real o fictional, using words such as 'first', 'then' etc
Properties of Shape
Talk about and explore 2D
and 3D shapes (for
example, circles,
rectangles, triangles and cuboids) using informal and mathematical language: sides', 'corners'; 'straight',
'flat', 'round'
Select shapes appropriatel
eg triangle for a roof Combine shapes to make new ones

## Position and Direction

Understand position
through words alone - for example, "The bag is under the table," - with no pointing
Describe a familiar route Begin to discuss positions using words such as 'in front of' and 'behind'

## Patterns

Talk about and identifies the patterns around them For example: stripes on clothes, designs on rugs


| Reception | > Number > Numbers to 5 > Counting to 1,2 and 3 > $-\quad$ Counting to 4 > $-\quad$ Counting to 5 > Comparing groups within 5 > $-\quad$ Comparing quantities of identical objects $-\quad$ Comparing quantities of nonidentical objects Geometry > 2D and $3 D$ shape > $-\quad 3 D$ shapes > $-\quad 2 D$ shapes | NumberChange within 5$-\quad$ One more$-\quad$ One lessNumber bonds within 5$-\quad$Introduce the <br> part-whole <br> modelGeometry$-\quad$Space <br> Spatial <br> awareness | Number <br> Numbers to 10 <br> - Counting to 5, <br> 7 and 8 <br> - Counting to 9 and 10 <br> Comparing numbers within 10 <br> Comparing groups up to 10 <br> Addition to 10 <br> - Combining 2 groups to find the whole <br> Measure <br> Length, height and weight <br> - Length, height and distance - Weight | Number <br> Number bonds to 10 <br> - Using a ten frame <br> - The part-whole model to 10 <br> Subtraction <br> - Subtraction <br> Patterns <br> Making simple patterns <br> Exploring more complex patterns | Number <br> Counting on and counting back <br> - Adding by counting on <br> - Taking away by counting back <br> Numbers to 20 <br> - Counting to 20 <br> Numerical patterns <br> - Doubling <br> - Halving and sharing <br> - Odds and evens <br> Geometry <br> Composing and decomposing shapes <br> - Composing and decomposing shapes | Measure <br> Volume and capacity <br> - Capacity <br> Sorting (optional) <br> - Sorting into 2 groups <br> Measure <br> Time (Optional) <br> - My day |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year 1 | Number <br> Numbers to 10 - Sort objects Count objects to 10 |  | Number <br> Numbers to 20 <br> Count to 20 <br> Understand 10 <br> 11, 12 and 13 <br> 14,15 and 16 | Measurement <br> Length and height <br> - Comparing lengths and heights | Number <br> Multiplication Counting in $10 \mathrm{~s}, 5 \mathrm{~s}$ and 2 s Making equal groups | Number Numbers to 100 Counting to 100 $-\quad$ Exploring number patterns |



|  |  |  | Ordering <br> objects and <br> numbers <br> $-\quad$ Counting in 2 s <br> $-\quad$ Counting in 5 s <br> $-\quad$Solving word <br> problems |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Year 2 | Numbers | Measurement | Number | Geometry |  | $\frac{\text { Measurement }}{\text { Time }}$ |
|  |  |  |  |  |  |  |
|  | Numbers to 100 | Money | Multiplication and division | - Recognising 2D | Position and direction | - Telling time and writing time to |
|  | Counting objects to 100 | - Counting money-coins |  |  | - Describing |  |
|  | - Representing | money-coins <br> - Counting | - Making equal groups | - Drawing 2D shapes | movement | the hour and |
|  | numbers to 100 | money-notes | - Sharing and |  | turns | the half hour <br> - Telling time to |
|  | - Tens and ones | - Showing equal | grouping | - Counting sides | - Describing | the quarter |
|  | numbers on a | money | - Odd and even | - Counting vertices on 2D | and turns | hour <br> Telling time to 5 |
|  | place value grid | - Comparing | numbers | shapes | - Making <br> patterns with | - Telling time to 5 minutes |
|  | numbers | money | - Dividing by 10 | - Finding lines of symmetry | shapes | - Minutes in an hour |
|  | - Ordering numbers | - Calculating the total amount | - Bar modelling | - Sorting 2D shapes | Number | - Finding <br> durations of |
|  | - Counting in $2 \mathrm{~s}, 5 \mathrm{~s}$ | - Finding change | Statistics | Making patterns | Problem solving and efficient methods | durations of time |
|  | and 10 s <br> Counting in 3 s | - Solving twostep word | Statistics <br> Making tally | with 2D shapes | efficient methods | - Comparing |
|  | - Counting in 3 s <br> Addition and subtraction | step word problems | Making tally charts <br> - Creating | - Counting faces | - Using number | durations of time |
|  | - Related facts: | Number | pictograms | Counting edges | - Using number facts and | - Finding the end time |
|  | addition and subtraction | Multiplication and division | - Interpreting pictograms | on 3D shapes | equivalence | - Finding the |
|  | - Using number facts to check | - Making equal <br> groups | - Block diagrams | vertices on 3D shapes | square | start time <br> - Hours in a day |
|  | calculations | - Multiplication | Solving word problems | - Sorting 3D | Missing <br> numbers |  |
|  | - Comparing | as equal groups |  | shapes <br> Making patterns | - Mental | Weight volume and temperature |
|  | number sentences | - Adding equal | Length and height | with 3D shapes | addition and subtraction | - Comparing |
|  | - Finding related | groups <br> - Multiplication | Length and height <br> - Measuring in |  | subtraction <br> - Efficient | mass |
|  | facts | sentences | centimetres | Number <br> Fractions | subtraction | Measuring mass in grams |
|  | - Making number | - Using arrays | - Measuring in | - Introducing | - Solving | Measuring mass |
|  | bonds to 100 | - 2 times-table | metres | whole and parts | problems |  |
|  | - Adding and | - 5 times-table | - Comparing | - Making equal | using the four | - Comparing |
|  | subtracting 1s | 10 times-table | lengths | parts | operations | volume |



## 1, 2, 5, 10 \& 3 multiplication facts taught through the year



| Addition and Subtraction <br> - Adding and <br> subtracting 100s <br> - Adding and subtracting 3digit numbers and <br> - Adding a 3-digit number and 1s <br> - Subtracting 1 s from a 3-digit number <br> - Adding and subtracting a 3digit number and 10s <br> - Adding a 3-digit number and 10s <br> - Subtracting 10s from a 3-digit number - Adding and subtracting a 3digit and 2-digit number Subtracting a 2digit number from a 3-digit number | additions andsubtractions$-\quad$Checking <br> strategies$-\quad$ Problem solvingNumberMultiplication andDivision$-\quad$Equal grouping$-\quad$Multiplying and <br> dividing by 3$-\quad$Multiplying and <br> dividing by 4 <br> Multiplying and <br> dividing by 8 <br> $-\quad$ Understanding <br> divisibilityRelated facts | Measurement <br> Money <br> - Pounds and pence <br> - Converting pounds and pence <br> - Adding money <br> - Subtracting amounts of money <br> - Bar charts <br> - Tables | Fractions - Unit and non- unit fractions $-\quad$ Making the whole $-\quad$ Tenths $-\quad$ Fractions as numbers $-\quad$ Fractions of a set of objects |  |  | - Recognising and describing 3D shapes <br> - Constructing 3D shapes <br> Measurement <br> Mass <br> Measuring mass <br> - Comparing masses <br> - Adding and subtracting mass <br> Measurement Capacity <br> - Measuring capacity <br> - Comparing capacities <br> - Adding and subtracting capacities |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |

## 4, 8, 6 \& 11 multiplication facts taught and embedded through the year

| Year 4 | Number <br> Number and place value <br> - Numbers to 1000 <br> - Rounding to the nearest 10 | Addition and subtraction$-\quad$Equivalent <br> distance$-\quad$Estimating <br> answers to | Number <br> Multiplication and Division <br> Using written methods to multiply | Number <br> Fractions <br> Tenths and hundredths <br> - Equivalent fractions | Number Decimals $-\quad$ Making a whole $-\quad$ Writing decimals | Statistics <br> Charts and tables <br> - Line graphs <br> Geometry |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |



[^0]




[^0]:    7, 9 and 12 multiplication facts taught and embedded through the year

