| Block | Topic |
| :---: | :---: |
| 1 | Number and Place Value to 10 |
| 2 | $\underline{\text { Addition and Subtraction to 10 }}$ |
| 3 | Number and Place Value to 20 |
| 4 | Gddition and Subtraction to 20 |
| 5 | Geometry Shape |
| 7 | Geometry Position \& Direction |

## st Bede's

Catholic Primary School

Year 1

| Block 1 |  |  |  |
| :---: | :---: | :---: | :---: |
| Number and Place Value to 10 |  |  |  |
| Substantive Knowledge <br> National Curriculum | Ready to Progress | Key Performance Indicators | Sequence of learning Detailed in Planning Overview |
| Count to and across 100, forwards and backwards, beginning with o or 1, or from any given number | 1NPV-1 Count within 100, forwards and backwards, starting with any number. | - Can count to 10 forwards starting from any number <br> - Can count backwards to zero starting from any number up to 10 | *Recap Counting from 1-10 and using this to accurately count sets of objects, pictures, sounds and actions <br>  |
| Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens | 1NF-2 Count forwards and backwards in multiples of 2,5 and 10 , up to 10 multiples, beginning with any multiple, and count forwards and backwards through the odd numbers. | - Can consistently count a set of objects to 10 accurately <br> - Can read numbers from 1-10 in numerals <br> - Can order objects using language first, second, third <br> - Can write numbers to 10 in numerals <br> - Can complete missing number sequences to 10 | start numbers <br> *One more/one less <br> *Missing Number Sequences <br> * Comparing amounts \& using associated vocab <br> * Comparing numbers \& using associated vocab and symbols |
| Given a number, identify one more and one less |  | - Can identify one more than a given number to 10 <br> - Can identify one less than a given number to 10 | *Ordering numbers including use of ordinal numbers - first, second, third |
| Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least | 1NPV-2 Reason about the location of numbers to 20 within the linear number system, including comparing using < > and = | - Can use fingers to show any number to 10 <br> - Can use practical equipment to represent a number to 10 <br> - Can compare two numbers that have been created with practical equipment and explain how they are different <br> - Can position two numbers on a marked and blank number line, compare the numbers and reason about where they have been positioned | number lines |
| Read and write numbers from 1 to 20 in numerals and words. |  | - Can read numbers from 1-10 in numerals <br> - Can write numbers from 1 - 10 in numerals including accurate formation of all numerals 0-9 |  |


|  |  | (NB reading and writing in words has been left until <br> later blocks when more in line with Y1 phonics <br> knowledge) |  |
| :--- | :--- | :--- | :--- |

First 4
Maths

| Block 2 |  |  |  |
| :---: | :---: | :---: | :---: |
| Addition and Subtraction within 10 |  |  |  |
| Substantive Knowledge National Curriculum | Ready to Progress | Key Performance Indicators | Sequence of learning Detailed in Planning Overview |
| Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs | 1AS-2 Read, write and interpret equations containing addition (+), subtraction (-) and equals (=) symbols, and relate additive expressions and equations to reallife contexts. | - Can begin to use addition (+), subtraction (-) and equals (=) signs to record their work <br> - Can read the mathematical statements they have recorded <br> - Can read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) | *Introduction <br> *Addition facts to 10 <br> - Systematic approach <br> - Understand addition is commutative <br> - Aggregation - combining 2 parts to make 1 whole <br> *Adding 2 amounts <br> - Augmentation - increasing a |
| Represent and use number bonds and related subtraction facts within 20 | 1NF-1 Develop fluency in addition and subtraction facts within 10 <br> 1AS-1 Compose numbers to 10 from 2 parts, and partition numbers to 10 into parts, including recognising odd and even numbers. | - Can represent and use number bonds and related subtraction facts up to 5 , using apparatus <br> - Can recall and use addition and subtraction facts for all numbers up to 5 <br> - Can recall and use addition and subtraction facts for all numbers up to 10 fluently <br> - Can recognise the effect of adding zero. <br> - Can develop the difference between two numbers on a number line <br> - Understands the inverse relationship between addition and subtraction <br> - Can solve missing number calculations to 10 | quantity by adding more <br> *Solving addition word <br> problems <br> *Partitioning a number to find subtraction facts. <br> - Partitioning - Separating 1 whole into 2 parts <br> - Subtraction facts to 10 using partitioning <br> * How many left? <br> - Subtraction by reduction decreasing a quantity by |
| Add and subtract onedigit and two-digit numbers to 20 , including zero |  | - Can add and subtract numbers mentally, using Reordering <br> - Can use a number line to support adding 1-digit numbers | taking some away <br> *Related Facts <br> *Inverse Operations <br> *Finding a missing number |
| Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and |  | - Can show that addition can be done in any order (commutative) <br> - Can show that subtraction can't be done in any order <br> - Understands and use a variety of mathematical language associated with addition and subtraction e.g. Put together, add, altogether, total, take away, distance between, more than and less than | *Finding the difference <br> *Application through substantial problems |


| missing number <br> problems such as <br> $7=\square-9$. | $\bullet$ Can solve missing number addition and subtraction problems <br> involving single-digit numbers. <br> $\bullet$ Can solve simple 1 step problems with addition and <br> subtraction. |  |
| :--- | :--- | :--- | :--- | :--- |


| Block 3 |  |  |  |
| :---: | :---: | :---: | :---: |
| Number and Place Value to 20 |  |  |  |
| Substantive Knowledge <br> National Curriculum | Ready to Progress | Key Performance Indicators | Sequence of learning Detailed in Planning Overview |
| Count to and across 100, forwards and backwards, beginning with o or 1 , or from any given number | 1NPV-1 Count within 100, forwards and backwards, starting with any number. | - Can count to 20 forwards starting from any number <br> - Can count backwards to zero starting from any number up to 20 | * Introduce the concept of 1 ten and its equivalence to ten ones <br> * Count sets of 11-19 objects exposing the one ten and |
| Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens | 1NF-2 Count forwards and backwards in multiples of 2,5 and 10 , up to 10 multiples, beginning with any multiple, and count forwards and backwards through the odd numbers. | - Can consistently count a set of objects to 20 <br> - Can read numbers from 1 - 20 in numerals <br> - Can write numbers to 20 in numerals <br> - Can complete missing number sequences forwards and backwards to 20 | numbers <br> * Show given teen numbers using different representations *Understand that in teen numbers the 1 is 10 because where the o was, there is now |
| Given a number, identify one more and one less |  | - Can identify one more than a given number to 20 <br> - Can identify one less than a given number to 20 | a different number of ones (zero as a place holder) *Counting forwards and backwards and dual counting |
| Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, | 1NPV-2 Reason about the location of numbers to 20 within the linear number system, including comparing using < > and = | - Can use practical equipment to represent any number to 20 and explain the value of each digit <br> - Can use pictorial representations to represent any number to 20 and explain value of each digit <br> - Can compare two numbers that have been created with practical equipment | *One more one less <br> *Missing number sequences <br> * Position 1-20 on different number lines (marked and unmarked) <br> * Comparing amounts and using associated vocab |


| more than, less than (fewer), most, least | - Can position two numbers on a marked number line, compare the numbers and reason about where they have been positioned <br> - Can compare numbers using greater than and less than and the symbols $<>$ and $=$ | *Comparing numbers \& using associated vocab and symbols < > and = <br> *Ordering Numbers <br> *Read \& Write numbers to 20 |
| :---: | :---: | :---: |
| Read and write numbers from 1 to 20 in numerals and words. | - Can read numbers from $1-20$ in numerals <br> - Can write numbers from 1 - 20 in numerals including accurate formation of all numerals 0-9 <br> - Can read numbers from 1 - 20 in words <br> - Can write numbers from 1-20 in words | in words <br> * Problem solving \& consolidation |

First 4
Maths

Block 4
Addition and Subtraction within 20

| Substantive Knowledge <br> National Curriculum | Ready to Progress | Key Performance Indicators | Sequence of learning Detailed in Planning Overview |
| :---: | :---: | :---: | :---: |
| Read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) signs | 1AS-2 Read, write and interpret equations containing addition (+), subtraction (-) and equals (=) symbols, and relate additive expressions and equations to real-life contexts. | - Can begin to use addition (+), subtraction (-) and equals (=) signs to record their work <br> - Can read the mathematical statements they have recorded <br> - Can read, write and interpret mathematical statements involving addition (+), subtraction (-) and equals (=) | * Recap addition facts within 10 -developing fluency using a variety of strategies <br> -Include the effect of adding zero and one <br> *Recap addition by counting on and extend to 20 <br> - Include the effect of adding |
| Represent and use number bonds and related subtraction facts within 20 | 1NF-1 Develop fluency in addition and subtraction facts within 10 <br> 1AS-1 Compose numbers to 10 from 2 parts, and partition numbers to 10 into parts, including recognising odd and even numbers. | - Can recall and use addition and subtraction facts for all numbers up to 10 fluently <br> - Can recognise the effect of adding zero. <br> - Can represent and use number bonds and related subtraction facts up to 20 , using apparatus <br> - Can recall and use addition and subtraction facts for all numbers facts to 20 fluently <br> - Can develop the difference between two numbers on a number line <br> - Understands the inverse relationship between addition and subtraction <br> - Can solve missing number calculations to 20 | *Recall number bonds to 10 and use them to make bonds to 20 <br> *Partitioning 10 into 3 numbers - include examples where zero is one of the 3 numbers <br> *Adding within 20 by using bonds up to 10 and partitioning to bridge <br> *Recap subtraction by reduction (taking away) and |
| Add and subtract onedigit and two-digit numbers to 20 , including zero |  | - Can add and subtract numbers mentally, using Reordering <br> - Can add and subtract numbers mentally, using Partitioning <br> - Can add and subtract numbers mentally, using Bridging through 10 <br> - Can add and subtract numbers mentally, using near doubles | by partitioning (not structure) and extend to 20 <br> - Include the effects of subtracting zero |


|  |  | - Can use a number line to support adding and subtracting 2digit and 1-digit numbers | *Subtracting within 20 by using partitioning and bonds up to 10 to bridge <br> *Understand inverse operations and fact families <br> *Missing Number Problems <br> *Consolidation and problem solving |
| :---: | :---: | :---: | :---: |
| Solve one-step problems that involve addition and subtraction, using concrete objects and pictorial representations, and missing number problems such as $7=\square-9$. |  | - Can show that addition can be done in any order (commutative) <br> - Can show that subtraction can't be done in any order <br> - Understands and use a variety of mathematical language associated with addition and subtraction e.g. Put together, add, altogether, total, take away, distance between, more than and less than <br> - Can solve missing number addition and subtraction problems involving single-digit numbers. <br> - Can solve simple 1 step problems with addition and subtraction. |  |


| Block 5 |  |  |  |
| :---: | :---: | :---: | :---: |
| Geometry - Shape |  |  |  |
| Substantive Knowledge | Ready to Progress | Key Performance Indicators | Sequence of learning Detailed in Planning Overview |
| Recognise and name common 2-D and 3-D shapes, including: <br> - 2-D shapes [for example, rectangles (including squares), circles and triangles] <br> - 3-D shapes [for example, cuboids (including cubes), pyramids and spheres]. | 1G-1 Recognise common 2D and 3D shapes presented in different orientations, and know that rectangles, triangles, cuboids and pyramids are not always similar to one another. <br> 1G-2 Compose 2D and 3D shapes from smaller shapes to match an example, including manipulating shapes to place them in particular orientations. | - Can recognise 2D shapes in a variety of orientations <br> - rectangles (including squares) <br> - circles <br> - triangles <br> - Can describe 2D shapes according to their properties (sides and corners) <br> - Arrange 2D shapes to match a compound shape <br> - Can recognise 3D shapes in a variety of orientations <br> - cylinder <br> - triangular prism <br> - cone <br> - cube <br> - cuboid <br> - pyramid <br> - sphere <br> - Can describe 3D shapes according to their properties (faces, vertices and edges) <br> - Arrange 3D shapes to match a compound shape | *Discover shape knowledge from EYFS <br> *Use everyday language to describe 2D shapes <br> * Recognise and name common 2D shapes (rectangles (including squares), circles, triangles at a minimum) <br> * Use correct mathematical terms to describe the properties of 2D shapes and distinguish between them <br> * Arrange 2D shapes to match <br> a compound shape <br> * Use everyday language to describe 3D shapes <br> * Recognise and name common 3D shapes (cuboids (including cubes), cylinders, spheres and pyramids) <br> * Use correct mathematical terms to describe the other properties of 3D shapes and distinguish between them <br> * Arrange 3D shapes to match a compound shape |

First 4 Maths

| Block 6 |  |  |  |
| :---: | :---: | :---: | :---: |
| Fractions |  |  |  |
| Substantive Knowledge <br> National Curriculum | Ready to <br> Progress | Key Performance Indicators | Sequence of learning <br> Detailed in Planning Overview |
| Recognise, find and name a half as one of two equal parts of an object, shape or quantity | No specific <br> Ready to <br> Progress <br> statements for <br> Fractions | - Understands fractions as equal parts of a whole <br> - Can halve a shape or object by splitting it into two equal parts. <br> - Can recognise one half as one of two equal parts of a whole <br> - Can halve a quantity by splitting it into 2 equal sets | *Introduction <br> *Recognise, find and name a half as one of two equal parts of an object or shape <br> * Recognise, find and name a half as one of two equal parts of a quantity <br> * Recognise, find and name a quarter as |
| Recognise, find and name a quarter as one of four equal parts of an object, shape or quantity. |  | - Can quarter a shape or object by splitting it into four equal parts. <br> - Can recognise one quarter as one of four equal parts of a whole <br> - Can find a quarter of a quantity by splitting it into 4 equal sets | one of four equal parts of an object or shape <br> * Recognise, find and name a quarter as one of four equal parts of a quantity |

First 4
Maths

| Block 7 |  |  |  |
| :---: | :---: | :---: | :---: |
| Geometry - Position \& Direction |  |  |  |
| Substantive Knowledge <br> National Curriculum | Ready to Progress | Key Performance Indicators | Sequence of learning Detailed in Planning Overview |
| Describe position, direction and movement, including whole, half, quarter and three-quarter turns. | No specific Ready to Progress statements for Position \& Direction | - Can distinguish between left and right <br> - Can use positional language e.g. next to, top, middle and bottom, on top of, in front of, above, between, around, near, close and far <br> - Can use ordinal language e.g. . $1^{\text {st }}, 4^{\text {th }}$ <br> - Can use the language of direction and motion, including: left and right, up and down, forwards and backwards, inside and outside. <br> - Can respond to the language of turns making whole turns, half turns, quarter turns and three-quarter turns <br> - Can connect turning clockwise with movement on a clock face. | *Describe position (above, below, in front of, behind, in between, next to, inside, outside etc) <br> *Describe direction and movement without turns (forwards, backwards, sideways, left, right, up, down) <br> *Describe direction and movement with turns <br> (forwards, backwards, turn left, turn right, up, down) <br> *Describe turns (whole, half quarter and three-quarter turns) |

First 4
Maths

| Block 8 |  |  |  |
| :---: | :---: | :---: | :---: |
| Measure - Time |  |  |  |
| Substantive Knowledge National Curriculum | Ready to Progress | Key Performance Indicators | Sequence of learning Detailed in Planning Overview |
| Sequence events in chronological order using language [for example, before and after, next, first, today, yesterday, tomorrow, morning, afternoon and evening] | No specific <br> Ready to <br> Progress <br> statements for <br> Time | - Can use language before, after, next, first in relation to time passing and sequencing of events in familiar stories or day-today routines <br> - Can use terms such as morning, afternoon and evening, yesterday and tomorrow | *Sequence events and discuss using target language <br> * Recognise and use language relating to days of the week <br> * Recognise and use language relating to weeks, months and years |
| Recognise and use language relating to dates, including days of the week, weeks, months and years |  | - Can learn the order of the days of the week and learn that weekend days are Saturday and Sunday <br> - Can name and order the months of the year <br> - Can record significant dates in a class calendar | *Measure and begin to record time durations - second, minute, hour <br> *Solve practical problems for time using key vocab - |
| Tell the time to the hour and half past the hour and draw the hands on a clock face to show these times. |  | - Can tell time to the hour <br> - Can draw hands on the clock for times to the hour <br> - Can tell time to half past the hour <br> - Can draw hands on the clock for times to the half hour <br> - Can recognise times to the hour and half hour in day to day routines | quicker, slower, earlier, later *Telling the time to the nearest half an hour |
| Measure and begin to record time (hours, minutes, seconds) |  | - Can measure in hours, seconds and minutes |  |
| Compare, describe and solve practical problems for: time [for example, quicker, slower, earlier, later] |  | - Can estimate and measure whether an activity lasts longer/ less than a minute/hour <br> - Can use language of quicker, slower, earlier and later |  |


| Block 9 |  |  |  |
| :---: | :---: | :---: | :---: |
| Number and Place Value beyond 20 |  |  |  |
| Substantive Knowledge <br> National Curriculum | Ready to Progress | Key Performance Indicators | Sequence of learning Detailed in Planning Overview |
| Count to and across 100, forwards and backwards, beginning with o or 1 , or from any given number | 1NPV-1 Count within 100, forwards and backwards, starting with any number. | - Can count to 100 and across 100 from any given number <br> - Can count backwards from any given number, including crossing 100 | *Count in ones forwards and backwards to 100 and beyond *Skip counting in multiples of 10 <br> *o-10 number line can be used |
| Count, read and write numbers to 100 in numerals; count in multiples of twos, fives and tens | 1NF-2 Count forwards and backwards in multiples of 2,5 and 10, up to 10 multiples, beginning with any multiple, and count forwards and backwards through the odd numbers. | - Can read numbers from 1-100 in numerals <br> - Can write numbers to 100 in numerals <br> - Can complete missing number sequences forwards and backwards to 100 <br> - Can count in twos to 20 forwards and backwards from any multiple <br> - Can count in 10 s to 100 forwards and backwards from any multiple <br> - Can count in 5 s to 50 forwards and backwards from any multiple <br> - Can count in odd numbers - forwards and backwards <br> - Can complete sequences in $2 \mathrm{~s}, 5 \mathrm{~s}, 10 \mathrm{~s}$ | to estimate the position of multiples of 10 on a 0-100 number line <br> *Count objects efficiently by making groups of 10 <br> *Understand that the position of a digit tells you the value <br> *Show 2-digit numbers using different representations <br> *Position 2-digit numbers on a number line <br> *One more and one less |
| Given a number, identify one more and one less |  | - Can identify one more than a given number to 100 <br> - Can identify one less than a given number to 100 | *Ten more and ten less <br> *Compare and order amounts and numbers |
| Identify and represent numbers using objects and pictorial representations including the number line, and use the language of: equal to, more than, less than (fewer), most, least | 1NPV-2 Reason about the location of numbers to 20 within the linear number system, including comparing using $<>$ and $=$ | - Can use practical equipment to represent any number to 100 and explain value of each digit <br> - Can use pictorial representations to represent any number to 100 and explain value of each digit <br> - Can compare two numbers that have been created with practical equipment <br> - Can position numbers on a marked number line with multiples of 10 marked and reason about where they have been positioned | *Odd \& even numbers <br> *Count in 2 s forwards and backwards from any multiple *Count sets of objects by grouping in 2s <br> *Count in 5 s forwards and backwards from any multiple |

## Read and write <br> numbers from 1 to 20 in <br> numerals and words.

- Can read numbers from $1-20$ in numerals
- Can write numbers from 1 - 20 in numerals including accurate formation of all numerals 0-9
- Can read numbers from $1-20$ in words
- Can write numbers from 1-20 in words
*Count sets of objects by
grouping in 5 s
* Problem Solving and

Consolidation

| Block 10 |  |  |  |
| :---: | :---: | :---: | :---: |
| Multiplication and Division |  |  |  |
| Substantive Knowledge <br> National Curriculum | Ready to Progress | Key Performance Indicators | Sequence of learning Detailed in Planning Overview |
| Solve one-step <br> problems involving multiplication and division, by calculating the answer using concrete objects, pictorial representations and arrays with the support of the teacher. | 1NF-2 Count forwards and backwards in multiples of 2,5 and 10, up to 10 multiples, beginning with any multiple, and count forwards and backwards through the odd numbers. | - Can use concrete objects to double numbers to 10 <br> - Can use concrete objects to half numbers to 20 <br> - Can count in steps of 10 <br> - Can count in steps of 2 <br> - Can count in steps of 5 <br> - Can find a total when counting in groups of 10 <br> - Can find a total when counting in groups of 2 <br> - Can find a total when counting in groups of 5 <br> - Can solve word problems involving multiplication <br> - Can use an array to represent a multiplication fact <br> - Can divide by sharing objects equally <br> - Can divide objects by putting into groups of 2 <br> - Can divide objects by putting into groups of 5 <br> - Can share objects by putting into groups of 10 <br> - Can solve word problems involving division | *Introduction <br> *Doubling <br> *Halving <br> *Counting in $2 \mathrm{~s}, 5 \mathrm{~s}$ and 10 s <br> (link to PV) <br> *Making equal groups <br> *Applying counting in $2 \mathrm{~s}, 5 \mathrm{~s}$ and 10s to solve 'groups of' problems <br> *Applying counting in $2 \mathrm{~s}, 5 \mathrm{~s}$ and 10 s and unitising to solve money problems <br> *Repeated addition <br> *Arrays <br> *Division by sharing <br> *Division by grouping <br> *Problem solving |

Block 11

| Measures - Money |  |  |  |
| :---: | :---: | :---: | :---: |
| Substantive Knowledge <br> National Curriculum | Ready to Progress | Key Performance Indicators | Sequence of learning Detailed in Planning Overview |
| Recognise and know the value of different denominations of coins and notes | No specific Ready to Progress statements for Money but use context to consolidate statements such as $1 \mathrm{NF}-2$ Count forwards and backwards in multiples of 2,5 and 10, up to 10 multiples and $1 \mathrm{NF}-1$ Develop fluency in addition and subtraction facts within 10 | - Can identify coins by sorting them <br> - Can recognise the value of each coin and that some coins have a greater value than others <br> - Can add up small amounts of money and say how much altogether <br> - Can pay for items of a small value e.g. $3 p, 5 p, 7 p, 9 p$ using coins <br> - Can give change using 1 p coins <br> - Can answer questions such as: Michael had $£ 5$. He spent $£_{3}$. How much did he have left? <br> - Rosie had a 10 p coin. She spent $3 p$. How much change did she get? | *Sorting and ordering coins *Understand that the value of each coin relates to that number of pennies or pounds *Understand that the value of each note relates to that number of pounds <br> *Making amounts <br> *Consolidating Addition and subtraction through money problems |

First 4
Maths

## Block 12

Measure - Length, Mass \& Capacity

| Substantive Knowledge National Curriculum | Ready to Progress | Key Performance Indicators | Sequence of learning <br> Detailed in Planning Overview |
| :---: | :---: | :---: | :---: |
| Compare, describe and solve practical problems for: <br> - lengths and heights [for example, long/short, longer/shorter, tall/short, double/half] | No specific Ready to Progress statements for Measures but use context to consolidate statements such as $1 \mathrm{NF}-1$ Develop fluency in addition and subtraction facts within 10 and 1NPV-2 Reason about the location of numbers to 20 within the linear number system, including comparing using < > and = | - Can use direct comparison or non-standard units to compare lengths and heights <br> - Can estimate and measure whether an object is longer or shorter than a metre stick/ a class ruler <br> - Can use language of longer/ shorter, tall/ short, double/ half in relation to length and height | *Solve practical problems using direct comparison of lengths, heights and width <br> *Solve practical problems using nonstandard units to measure lengths, heights and widths <br> *Measure and begin to record lengths and heights using standard units (cm \& m) and use to solve practical problems <br> *Solve practical problems using direct comparison of capacity and volume <br> *Solve practical problems using nonstandard units to measure capacity and volume <br> *Measure and begin to record capacity and volume using standard units (litres) and use to solve practical problems <br> *Solve practical problems using direct comparison of weight/mass <br> *Solve practical problems using nonstandard units to measure weight/mass <br> *Measure and begin to record weight/mass using standard units (kg) and use to solve practical problems |
| Compare, describe and solve practical problems for: <br> - mass/weight [for example, heavy/light, heavier than, lighter than] |  | - Can compare mass of objects by holding them and using direct comparison <br> - Can use balance scales to compare the mass of objects using direct comparison or non-standard units <br> - Can estimate and measure whether an object weighs more or less than a kilogram <br> - Can use language of heavy/ light, heavier than and lighter than in relation to mass/weight |  |
| Compare, describe and solve practical problems for: <br> - capacity and volume [for example, full/empty, more than, less than, half, half full, quarter] |  | - Can use direct comparison or non-standard units to compare the capacity of different vessels <br> - Can estimate and measure whether a container contains more or less than a litre jug <br> - Can use language of full/empty, more than/less than, half, full, quarter in relation to capacity/volume |  |
| Measure and begin to record the following: <br> - lengths and heights <br> - mass/weight <br> - capacity and volume |  | - Can use manageable standard units to measure: Length and height (cm and m) <br> - Can use manageable standard units to measure: Mass/weight (kg) <br> - Can use manageable standard units to measure: Capacity/volume (l) <br> - Can decide which measuring tool could be used in a particular situation |  |

