# NumberSense 

Mathematics Programme

## Curriculum

Grades R - 3
(May 2023)


| Number, Operations and Relationships |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Grade R | Grade 1 | Grade 2 | Grade 3 |  |
| $\begin{array}{\|l\|l} \frac{\Omega}{む} \\ \frac{0}{5} \\ \frac{\Sigma}{2} \end{array}$ | Rote counting | Rote counts in: <br> - 1 s from any number between 0 and 50 | - Rote counts forwards and backwards in: <br> - 1 s from any number between 0 and 140 <br> - 10 s from any multiple of 10 between 0 and 120 <br> - 2 s from any multiple of 2 between 0 and 120 <br> - 5 s and from any multiple of 5 between 0 and 120 | - Rote counts forwards and backwards in: <br> - 1 s from any number between 0 and 200 <br> - 10 s from any multiple of 10 between 0 and 200 <br> - 5 s from any multiple of 5 between 0 and 200 <br> - 2 s from any multiple of 2 between 0 and 200 | - Rote counts forwards and backwards in: <br> - the intervals specified in Grade 2 with increased number ranges <br> - $20 \mathrm{~s}, 25 \mathrm{~s}, 50 \mathrm{~s}$ and 100 s between 0 and at least 1000 <br> - fractions (including halves, thirds, fourths and fifths) |  |
|  | Counting objects | - Counts to at least 10 everyday objects | - Counts to at least 50 everyday objects ${ }^{1}$ <br> ${ }^{1}$ i.e. regroups the objects into groups appropriate to the number of objects being counted | - Estimates and counts up to at least 200 everyday objects efficiently ${ }^{1}$ (including in groups of 2,5 and 10) i.e. regroups the objects into groups appropriate to the number of objects being counted | - Estimates and counts objects efficiently ${ }^{1}$ <br> ${ }^{1}$ i.e. regroups the objects into groups appropriate to the number of objects being counted |  |
|  | Reading \& writing numbers | - Recognise, identify and read number symbols 1 to 10 | - Reads and writes numbers to at least 40 <br> - Recognises South African coins ( $1 \mathrm{c}, 2 \mathrm{c}, 5 \mathrm{c}, 10 \mathrm{c}, 20 \mathrm{c}, 50 \mathrm{c}$, R1, R2 and R5) and South African notes (R10, R20, R50) | - Reads and writes numbers to at least 200 <br> - Reads and writes fraction names (halves, thirds, fourths, fifths etc.) <br> - Recognises South African coins ( $1 \mathrm{c}, 2 \mathrm{c}, 5 \mathrm{c}, 10 \mathrm{c}, 20 \mathrm{c}, 50 \mathrm{c}$, R1, R2 and R5) and South African notes (R10, R20, R100, R200) | - Reads and writes numbers to at least 1000 <br> - Reads and writes fraction names (halves, thirds, fourths, fifths etc.) and fraction notation $\left(\frac{1}{2} s, \frac{1}{3} s, \frac{1}{4} s, \frac{1}{5} \mathrm{~s}\right.$ etc.) |  |
|  | Ordering and comparing | - Orders and compares collections of objects using everyday language (e.g. more, less and the same as etc.) | - Orders and compares whole numbers to at least 40 <br> - Describes position using ordinal numbers (e.g. first, second, third etc.) | - Orders and compares whole numbers to at least 100 <br> - Orders and compares unitary and non-unitary fractions in the context of problems (see problems as a pedagogical device) | - Orders and compares whole numbers to at least 1000 <br> - Orders and compares unitary and non-unitary fractions in the context of problems (see problems as a pedagogical device |  |
|  | Place value |  | - Recognises the place value of digits in whole numbers to at least 2 -digit numbers by partitioning and recombining using multiples of 10 and 1 (e.g. $25=20+5$ ) | - Recognises the place value of digits in whole numbers to at least 2 -digit numbers by partitioning and recombining using multiples of 10 and 1 (e.g. $86=80+6$ ) | - Recognises the place value of digits in whole numbers to at least 3 -digit numbers by partitioning and recombining using multiples of 100,10 and 1 (e.g. $325=300+20+5$; $325=320+5 ; 325=300+25$ ) |  |
| (as a pedagogical device) | Problem types | - In a number range appropriate to the grade, solves and explains solutions to everyday situations/problems that involve: <br> - equal sharing ${ }^{1}$ (including situations that involve left-overs/remainders) and - change, combine and compare ${ }^{2}$ (using age, grade and number-range appropriate strategies - see below) <br> ${ }^{1}$ to lay the foundations for division <br> 2 to lay the foundations for addition and subtraction | - In a number range appropriate to the grade, solves and explains solutions to everyday situations/problems that involve: <br> - equal sharing ${ }^{1}$ (including situations that involve leftovers/remainders) <br> - grouping ${ }^{2}$ (including situations that involve leftovers/remainders), <br> - change, combine and compare ${ }^{3}$; and <br> - grids; arrays and groups ${ }^{4}$ <br> (using age, grade and number-range appropriate strategies - see below) <br> - In a number range appropriate to the grade, solves and explains solutions to money problems involving totals and change. <br> to lay the foundations for division <br> ${ }_{3}$ to lay the foundation for division as repeated addition and subtraction <br> ${ }^{3}$ to lay the foundations for addition and subtraction <br> ${ }^{4}$ to lay the foundations for multiplication (repeated addition) | - In a number range appropriate to the grade, solves and explains solutions to everyday situations/problems that involve: <br> - equal sharing ${ }^{1}$ (including situations that involve leftovers/remainders) <br> - equal sharing in situations that involve leftovers/remainders that can easily be partitioned ${ }^{2}$ <br> - grouping ${ }^{3}$ (including situations that involve leftovers/remainders), <br> - change, combine and compare ${ }^{4}$; and <br> - grids; arrays and groups ${ }^{5}$ <br> (using age, grade and number-range appropriate strategies - see below) <br> - In a number range appropriate to the grade, solves and explains solutions to money problems involving totals and change. <br> to lay the foundations for division <br> to introduce the concept of a part of a whole (unitary fractions) <br> to lay the foundation for division as repeated addition and subtraction <br> to lay the foundations for addition and subtraction <br> ${ }^{5}$ to lay the foundations for multiplication (repeated addition) | - In a number range appropriate to the grade, solves and explains solutions to everyday situations/problems that involve: <br> - equal sharing in situations that involve leftovers/remainders that can easily be partitioned in different ways ${ }^{1}$ <br> - unequal sharing ${ }^{2}$ <br> - grouping ${ }^{3}$ (including situations that involve leftovers/remainders), <br> - change, combine and compare ${ }^{4}$; and <br> - grids; arrays and groups ${ }^{5}$ <br> (using age, grade and number-range appropriate strategies <br> - see below) <br> - In a number range appropriate to the grade, solves and explains solutions to money problems involving totals and change. <br> 1 to introduce the concept of a part of a whole (unitary fractions) <br> to introduce the concept of ratio <br> to lay the foundation for division as repeated addition and subtraction <br> ${ }^{4}$ to lay the foundations for addition and subtraction <br> ${ }^{5}$ to lay the foundations for multiplication (repeated addition) |  |
| 安 | Problemsolving strategies | - For the problem types listed above, the learners will use the following strategies: <br> - Modelling <br> - drawings | - For the problem types listed above, the learners will select strategies appropriate to the problem and number range from: <br> - modelling the problem using counters etc. <br> - drawings <br> - combination of drawings and numbers | - For the problem types listed above, the learners will select strategies appropriate to the problem and number range from: <br> - drawings ${ }^{1}$ <br> - combination of drawings and numbers <br> - numerical representations ${ }^{2}$ <br> - number lines <br> ${ }^{1}$ limited to new situations/problems, e.g. problems leading to fractions <br> ${ }^{2}$ using conventions developed for calculations with numbers (see corresponding manipulating number section) | - For the problem types listed above, the learners will select strategies appropriate to the problem and number range from: <br> - drawings ${ }^{1}$ <br> - combination of drawings and numbers <br> - numerical representations ${ }^{2}$ <br> - number lines <br> - numerical algorithms ${ }^{2}$ <br> ${ }^{2}$. limited to new situations/problems, e.g. problems leading to fractions <br> ${ }^{2}$ using conventions developed for calculations with numbers (see corresponding manipulating number section) |  |


| Number, Operations and Relationships |  |  |  |  |  |  |
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|  |  | Grade R | Grade 1 | Grade 2 | Grade 3 |  |
| .0.$\frac{0}{J}$$\frac{0}{0}$0 | Mental arithmetic | Manipulate numbers to perform mental arithmetic that involves single-digit arithmetic | - In a number range appropriate to the grade, manipulate numbers to perform mental arithmetic using skills that include: <br> - single-digit arithmetic <br> - arithmetic with 10 s and multiples of 10 <br> - adding and subtracting to 10 s and multiples of 10 (as in place value, e.g. $54=50+4 ; 125=100+20+5 ; 125=$ $100+25)$ <br> - completing 10 s to multiples of 10 <br> - bridging 10 s and multiples of 10 (as an application of completing 10 s and single-digit arithmetic <br> - doubling and halving | - In a number range appropriate to the grade, manipulate numbers to perform mental arithmetic using skills that include: <br> - single-digit arithmetic <br> - arithmetic with 10 s and multiples of 10 <br> - adding and subtracting to 10 s and multiples of 10 (as in place value, e.g. $54=50+4 ; 125=100+20+5 ; 125=$ $100+25)$ <br> - completing 10 s to multiples of 10 <br> - bridging 10 s and multiples of 10 (as an application of completing 10s and single-digit arithmetic <br> - doubling and halving <br> - multiples; including multiples of $10,5,2,4$ and 8 | - In a number range appropriate to the grade, manipulate numbers to perform mental arithmetic using skills that include: <br> - single-digit arithmetic <br> - arithmetic with 10 s and multiples of 10 <br> - adding and subtracting to 10 s and multiples of 10 <br> - completing 10 s to multiples of 10 (as in place value, e.g. $54=50+4 ; 125=100+20+5 ; 125=100+25)$ <br> - bridging 10 s and multiples of 10 (as an application of completing 10 s and single-digit arithmetic <br> - doubling and halving <br> - multiples; including multiples of $3,9,11,15$ and 20 | - |
|  | Calculations |  | - Using appropriate symbols and mathematical conventions, record calculations involving: <br> - addition and subtraction with combinations of 1- and 2digit numbers in the number range 1 to 40 | - Using appropriate symbols and mathematical conventions, record calculations involving: <br> - addition and subtraction with combinations of 1 - and 2digit numbers <br> - multiplication of 1 -digit by 1 -digit and 2 -digit by 1 -digit numbers in the number range 1 to 50 | - Using appropriate symbols and mathematical conventions, record calculations involving: <br> - addition and subtraction with combinations of 1-, 2 - and 3-digit numbers <br> - addition of like fractions. <br> - multiplication of 1 -digit by 1 -digit and 2 -digit by 1 -digit numbers <br> - division of 1 -digit by 1 -digit and 2 -digit by 1 -digit numbers | - |
|  | Calculation strategies |  | - Calculates by selecting calculation-appropriate techniques (strategies) from the following: <br> - modelling <br> - estimation <br> - rounding <br> - counting (back, up, down to, up from) <br> - number lines <br> - breaking down and building up numbers <br> - doubling and halving | - Calculates by selecting calculation-appropriate techniques (strategies) from the following: <br> - modelling <br> - estimation <br> - rounding <br> - counting (back, up, down to, up from) <br> - number lines <br> - breaking down and building up numbers <br> - doubling and halving <br> - using known number facts <br> - arithmetic <br> - rearranging using commutativity | - Calculates by selecting calculation-appropriate techniques (strategies) from the following: <br> - modelling <br> - estimation <br> - rounding <br> - counting (back, up, down to, up from) <br> - number lines <br> - breaking down and building up numbers <br> - doubling and halving <br> - using known number facts <br> - arithmetic <br> - rearranging using commutativity | - |
|  | Reasoning | Learners will explain how they solved the problem | - In reflecting on solutions to the situations/problems listed above, learners will: <br> - explain their own solutions | - In reflecting on solutions to the situations/problems listed above, learners will: <br> - explain their own solutions <br> - listen to and describe the solutions developed by their peers | - In reflecting on solutions to the situations/problems listed above, learners will: <br> - explain their own solutions <br> - listen to and describe the solutions developed by their peers <br> - apply the solutions developed by their peers to similar problems |  |


| Patterns, functions and algebra |  |  |  |  |  |  |
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|  |  | Grade R | Grade 1 | Grade 2 | Grade 3 |  |
|  | Copies and extends patterns | - Using physical objects and drawings, copies and extends simple patterns involving at most two elements/attributes of the form $A B A B A B$..., e.g. <br> - shapes <br> - colours | - Using physical objects and drawings, copies and extends simple patterns involving at most two elements/attributes of the form $A B A B A B . .$. or $A B B A B B A B B A$ etc., e.g. <br> - shapes <br> - colours <br> - size | - Using physical objects and drawings, copies and extends simple patterns involving at most three <br> elements/attributes, e.g. <br> - shapes <br> - colours <br> - size <br> - rotation/reflection | - Using physical objects and drawings, copies and extends patterns involving at most three elements/attributes, e.g. <br> - shapes <br> - colours <br> - size <br> - rotation/reflection <br> of more complex forms, e.g. ABCBABCBABCB... |  |
|  | Creates patterns | - Creates simple patterns using shapes, colours etc. | - Creates patterns using shapes, colours etc. | - Creates patterns using shapes, colours etc. | - Creates more complex forms of patterns using shapes, colours etc. |  |
|  | Describes patterns | - | - Describes observed patterns | - Describes observed patterns | - Describes observed patterns |  |
|  | Copies and extends patterns |  | - Copies and extends simple number patterns with a common difference where the pattern starts with the common difference to at most 100 , e.g. $3 ; 6 ; 9 ; 12$... <br> - Determines output values for given input values and input values for given output values in: <br> - tables <br> - flow diagrams | - Copies and extends simple number patterns: <br> - with a common difference where the pattern does not necessarily start with the common difference, e.g. 5; 8; 11; 14 ... <br> - with a common ratio where the pattern starts with the common ratio, e.g. 3; 9; 27; 81... <br> - Determines output values for given input values and input values for given output values; and the relationship between input and output values in: <br> - tables <br> - flow diagrams <br> - other representations | - Copies and extends simple number patterns <br> - Determines output values for given input values and input values for given output values; and the relationship between input and output values in: <br> - tables <br> - flow diagrams <br> - other representations |  |
|  | $\begin{aligned} & \hline \text { Creates } \\ & \text { patterns } \\ & \hline \end{aligned}$ |  | - Creates patterns involving number | - Creates patterns involving number | - Creates patterns involving number |  |
|  | Describes patterns |  | - Describes observed patterns | - Describes observed patterns <br> - Describes relationships between input and output values | - Describes observed patterns <br> - Describes relationships between input and output values |  |
| $\left\|\begin{array}{l} \tilde{\pi} \\ \underset{\sim}{\varkappa} \end{array}\right\|$ | Reasoning | - Learners will explain how they solved the problem | - In reflecting on solutions to the situations listed above, learners will: <br> - explain their own solutions | - In reflecting on solutions to the situations listed above, learners will: <br> - describe their observations <br> - justify elements in the pattern | - In reflecting on solutions to the situations listed above, learners will: <br> - describe their observations <br> - justify elements in the pattern |  |


| Space and shape (Geometry) |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Grade R | Grade 1 | Grade 2 | Grade 3 |  |
| Recognises, identifies and names | - Recognises and classifies: <br> - familiar physical 2-D shapes using obvious attributes (properties such as: straight edges, curved edges and size) <br> - familiar physical 3-D objects using obvious attributes (properties such as: flat surfaces and non-flat surfaces) | - Recognises and classifies: <br> - familiar physical 2-D shapes and images of 2-D shapes (triangles, rectangles [including squares] and circles) based on their attributes (properties such as: straight edges, curved edges and size) <br> - familiar physical 3-D objects and images of 3-D objects (boxes and balls) in terms of their attributes (properties such as: flat surfaces and non-flat surfaces) | - Recognises and classifies: <br> - familiar physical 2-D shapes and images of 2-D shapes (triangles, rectangles [including squares] and circles) based on their attributes (properties such as: straight edges, curved edges, angles and size) <br> - familiar physical 3-D objects and images of 3-D objects (boxes [prisms], balls [spheres] and cylinders) in terms of their attributes (properties such as: the shapes of the objects surfaces) | - Recognises and classifies: <br> - familiar physical 2-D shapes and images of 2-D shapes (triangles, rectangles [including squares], non-rectangular quadrilaterals and circles) based on their attributes (properties such as: straight edges, curved edges, angles and size) <br> - familiar physical 3-D objects and images of 3-D objects (boxes [prisms], balls [spheres] and cylinders) in terms of their attributes (properties such as: the shapes of the objects surfaces) |  |
| Making / constructing | - Uses physical shapes and objects to create own: <br> - arrangements of 2-D shapes; and <br> - arrangements of 3-D objects | - Uses physical shapes and objects to create own and copies of given (identical) arrangements of 2-D shapes; and <br> - Uses physical shapes and objects to create own arrangements of 3-D objects | - Uses physical shapes and objects to create own and copies of given (including similar): <br> - arrangements of 2-D shapes; and <br> - arrangements of 3-D objects | - Use physical shapes and objects to investigate different: <br> - arrangements of 2-D shapes; and <br> - arrangements of 3-D objects and their nets |  |
| Properties | - Describes, sorts and compares: <br> - physical 2-D shapes in terms of their size (larger, shorter and equal) by fitting (direct comparison) <br> - physical 3-D objects in terms of size by direct comparison and/or by whether they roll or slide | - Describes, sorts and compares: <br> - physical 2-D shapes in terms of their size, length of sides and size of angles by fitting (direct comparison) <br> - physical 3-D objects in terms of size by direct comparison and/or by whether they roll or slide | - Describes, sorts and compares: <br> - physical 2-D shapes in terms of their length of sides and size of angles <br> - physical 3-D objects in terms of flat or curved surfaces, straight or round edges and the shape of their faces | - Describes, sorts and compares: <br> - 2-D shapes in terms of their length of sides and size of angles, number of sides and number of vertices <br> - 3-D objects in terms of flat or curved surfaces, straight or round edges and the shape of their faces |  |
| Position | - Describes: <br> - positional relationships (in front of, behind, between, next to, on top of and under) between shapes and/or objects and between people | - Describes: <br> - positional relationships (in front of, behind, between, next to, on top of and under) between shapes and/or objects and between people | - Describes: <br> - positional relationships (in front of, behind, between, next to, on top of and under) between shapes and/or objects and between people <br> - movements of shapes, objects and people that involve distances, directions and half turns | - Describes: <br> - positional relationships (in front of, behind, between, next to, on top of and under) between shapes and/or objects and between people <br> - movements of shapes, objects and people that involve distances, directions and half or quarter turns |  |
| Symmetry | - Recognises and describes symmetry in 2-D shapes and the environment | - Recognises and describes symmetry in 2-D shapes and the environment | - Recognises and describes symmetry in 2-D shapes and the environment <br> - Creates or completes symmetrical pictures and shapes (using only horizontal or vertical lines of symmetry) | - Recognises and describes symmetry in 2-D shapes and the environment <br> - Creates or completes symmetrical pictures and shapes |  |

## Data Handling

|  | Grade R | Grade 1 | Grade 2 | Grade 3 |
| :---: | :---: | :---: | :---: | :---: |
| Collecting | - Collects physical objects in the classroom and school environment according to given criteria/categories | - Collects everyday objects in the classroom and school environment according to given criteria/categories | - Collects data in the classroom and school environment to answer questions posed by the teacher | - Collects data in the classroom and school environment to answer questions posed by the teacher and the class |
| Sorting and organising | - Sorts physical objects according to one attribute | - Sorts physical objects according to one attribute chosen for a reason <br> - Gives reasons for collections being sorted in particular ways | - Sorts physical objects according to one attribute chosen by the teacher <br> - Gives reasons for collections being sorted in particular ways | - Sorts, orders and organises own and supplied data by one or more attributes for a particular reason <br> - Gives reasons for collections being sorted in particular ways |
| Representing | - Constructs physical graphs <br> - Draws a picture as a record of collected objects | - Constructs physical graphs <br> - Draws a picture as a record of collected objects <br> - Constructs pictograms where a sticker or stamp represents one element in a collection of objects | - Draws pictograms that have a 1-1 correspondence between own data and representations | - Draws pictograms and bar graphs that have a 1-1 correspondence between own data and representations |
| Analysing and answering questions | - Answers questions (e.g. Which has the most?) based on their picture or their sorted objects | - Describes their collection of objects, explains how it was sorted and answers questions about it | - Describes his/her own or a peer's collection of objects, explains how it was sorted and answers questions about it | - Reads, interprets and reports on information in own and peer's representations of data <br> - Reads and interprets data presented in simple tables and lists |


| Measurement |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | Grade R | Grade 1 | Grade 2 | Grade 3 |  |
| Time | - Describes events in terms of the time of day (e.g. early, late morning, afternoon or night) or days (e.g. yesterday, today, tomorrow and days of the week) <br> - Sequences events (e.g. before, after, at the same time) <br> - Compares events in terms of duration (e.g. longer, shorter) | - Describes events in terms of the time of day (e.g. early, late morning, afternoon, night, hours of the day [for known events, e.g. school starts at $8 o^{\prime}$ clock]) and days (e.g. yesterday, today, tomorrow and days of the week) <br> - Sequences events (e.g. before, after, at the same time, days of the week) <br> - Compares events in terms of duration (e.g. longer, shorter) <br> - Reads analogue and digital clock time in hours and minutes | - Describes events in terms of the time of day (e.g. early, late morning, afternoon, night, hours of the day [for known events, e.g. school starts at $8 o^{\prime}$ clock]) and days (e.g. yesterday, today, tomorrow and days of the week) <br> - Sequences events (e.g. before, after, at the same time, days of the week, months of the year) <br> - Compares events in terms of duration (e.g. longer, shorter) <br> - Reads analogue and digital clock time in terms of hours, halfhours, quarters of an hour and minutes <br> - Calculates elapsed time in: <br> - hours and minutes using clocks <br> - days, weeks and months using calendars | - Reads analogue and digital clock time in terms of hours, halfhours, quarters of an hour and minutes <br> - Calculates elapsed time in: <br> - hours and minutes using clocks <br> - days, weeks and months using calendars <br> - Solves problems involving calculations with and conversions between: <br> - minutes $\leftrightarrow$ hours <br> - hours $\leftrightarrow$ days <br> - days $\leftrightarrow$ months |  |
| Length (including perimeter) | - Compares pairs of objects in terms of length by direct comparison using appropriate language (e.g. longer, taller, shorter, the same as) | - Compares pairs of objects in terms of length by direct comparison using appropriate language (e.g. longer, taller, shorter, the same as) <br> - Compares and orders objects in terms of length by indirect comparison | - Compares and orders objects in terms of length by indirect comparison <br> - Compares and orders objects in terms of length by indirect comparison using non-standard measures (e.g. matches, sticks, drinking straws, pieces of string, hand spans, footsteps, bicycle wheel revolutions) | - Compares and orders objects in terms of length by indirect comparison using non-standard measures (e.g. matches, sticks, drinking straws, pieces of string, hand spans, footsteps, bicycle wheel revolutions) <br> - Compares and orders objects in terms of length by indirect comparison using standard measuring instruments (e.g. rulers, metre sticks, tape measures and trundle wheels etc.) and corresponding units (e.g. centimetres and metres) |  |
| Mass | - Compares pairs of objects in terms of mass by direct comparison using appropriate language (e.g. lighter, heavier, the same as) | - Compares pairs of objects in terms of mass by direct comparison using appropriate language (e.g. lighter, heavier, the same as) <br> - Compares and orders objects in terms of mass by indirect comparison | - Compares and orders objects in terms of mass by indirect comparison <br> - Compares and orders objects in terms of mass by indirect comparison using non-standard measures (e.g. stones, bottle tops, blocks, bricks, sand bags) | - Compares and orders objects in terms of mass by indirect comparison using non-standard measures (e.g. stones, bottle tops, blocks, bricks, sand bags) <br> - Compares and orders objects in terms of mass by indirect comparison using standard measuring instruments (e.g. scales) and corresponding units (e.g. grams and kilograms) |  |
| Capacity and volume | - Compares pairs of objects in terms of capacity/volume by direct comparison using appropriate language (e.g. more, less, bigger, smaller, the same as) | - Compares pairs of objects in terms of capacity/volume by direct comparison using appropriate language (e.g. more, less, bigger, smaller, the same as) <br> - Compares and orders objects in terms of capacity/volume by indirect comparison | - Compares and orders objects in terms of capacity/volume by indirect comparison <br> - Compares and orders objects in terms of capacity/volume by indirect comparison using non-standard measures (e.g. stones, bottle tops, blocks, cups of sand/water etc.) | - Compares and orders objects in terms of capacity by indirect comparison using non-standard measures (e.g. stones, bottle tops, blocks, cups of sand/water etc.) <br> - Compares and orders objects in terms of capacity/volume by indirect comparison using standard measuring instruments (e.g. measuring spoons, cups and jugs.) and corresponding units (e.g. litres and millilitres) <br> - Compares and orders objects in terms of volume by indirect comparison using non-standard measures (e.g. displacement in water) |  |
| Area |  |  |  | - Compares pairs of objects in terms of area by direct comparison using appropriate language (e.g. bigger, smaller, the same as) |  |

