	2019-2020 K-4 Mathematics Continuum: Term One						
NCDSB			We only think when v	ve are confronted with a problem. (Keith D	evlin)		
The math	ematical processes can	Problem Solvin	g Reasoning and Proving Reflecting Select apply mathematical knowledge and skills. These processes are int	ting Tools and Computational Strategies Connecting terconnected Problem Solving and communicating have strong	s. g Representing Communi		
Dates	Strands & Topics	KINDERGARTEN	GRADE ONE	GRADE TWO	GRADE 3		
Sept. 4-Oct. 4	NUMBER SENSE AND NUMERATION Quantity Relationships	<ul> <li>use, read &amp; represent whole numbers - 10</li> <li>counting         <ul> <li>quantity is greater counting forward &amp; less counting backwards</li> <li>comparing sets: more, fewer &amp; the same and number relationships</li> <li>ordinal numbers</li> </ul> </li> </ul>	<ul> <li>read, represent, compare &amp; order whole numbers to 50</li> <li>read &amp; print in words to 10</li> <li>compose &amp; decompose numbers up to 20</li> <li>conservation of numbers</li> <li>relate numbers to anchors of 5 and 10</li> <li>ordinal numbers</li> </ul>	<ul> <li>read, represent, compare &amp; order whole numbers to 100</li> <li>read &amp; print in words to 20</li> <li>compose &amp; decompose two-digit whole numbers</li> <li>determine &amp; justify the ten that is nearest to a given two- digit number</li> </ul>	<ul> <li>read, represent, compare &amp; order whole</li> <li>read &amp; print in words to 100</li> <li>place value: hundred, tens, ones</li> <li>relationship between 1, 10, 100 &amp; 1000</li> <li>round two-digit numbers to the nearest t</li> <li>money to \$10</li> <li>solve problems that arise from real life sit to magnitude of whole numbers into 1000</li> </ul>		
	NUMBER SENSE & NUMERATION Counting	<ul> <li>one-to-one correspondence</li> <li>matching groups of objects</li> <li>stable order: 1 is followed by 2, 2 is followed by 3</li> <li>order of irrelevance</li> </ul>	<ul> <li>one-to-one correspondence</li> <li>count forward by 1's, 2's, 5's &amp; 10's to 100</li> <li>count backward by 1's, 2's &amp; 5's from 20</li> <li>counting and skip counting with coins</li> </ul>	<ul> <li>□ count forward by 1's, 2's, 5's, 10's &amp; 25's to 200 starting from multiples of 1,2,3 &amp; 10</li> <li>□ count backward by 1 from 50 &amp; 10's from 100</li> <li>□ locate whole numbers on a hundreds chart/number line</li> <li>□ counting money amounts to 100 c</li> </ul>	count forward by 1's, 2's, 5's, 10's & 100's 1000     count backward by 2's, 5's & 10's from 10 counting money amounts to \$10.00 counting by 5s for time counting and skin counting with coins		
	NUMBER SENSE & NUMERATION Operational Sense	<ul> <li>investigate &amp; develop strategies for composing &amp; decomposing quantities to 10</li> </ul>	<ul> <li>addition &amp; subtraction</li> <li>single-digit whole numbers &amp; mental math strategies</li> </ul>	<ul> <li>addition &amp; subtraction</li> <li>whole numbers to 18 &amp; mental math strategies</li> <li>describe relationships between quantities</li> </ul>	<ul> <li>addition &amp; subtraction</li> <li>2-digit numbers &amp; mental math strate</li> <li>3-digit numbers &amp; student-generated</li> <li>estimation</li> </ul>		
Oct. 7-25	GEOMETRY & SPATIAL SENSE Geometric Properties	<ul> <li>2-D shapes</li> <li>explore, sort &amp;compare traditional and non-traditional shapes</li> <li>identify &amp; describe</li> <li>compose &amp; decompose pictures, designs &amp; patterns</li> </ul>	<ul> <li>2-D shapes</li> <li>identify, describe &amp; sort common 2-D shapes locate &amp; describe shapes in the environment that have symmetry</li> </ul>	<ul> <li>2-D shapes</li> <li>distinguish between attributes of an object using geometric properties &amp; non-geometric properties</li> <li>identify, describe &amp; sort polygons</li> <li>locate line of symmetry</li> </ul>	<ul> <li>2-D shapes</li> <li>compare &amp; sort polygons</li> <li>relationship between different types quadrilaterals</li> <li>congruent shapes</li> <li>identify, compare and describe angles than, or about the same as other angles</li> </ul>		
Oct. 28- Nov. 8	PATTERNING & ALGEBRA Patterns & Relationships	<ul> <li>repeating patterns</li> <li>with materials: attribute blocks, pattern blocks, hundreds chart, toys, buttons etc,</li> <li>through actions: clapping, jumping, tapping, etc,</li> </ul>	<ul> <li>repeating patterns</li> <li>numeric patterns: hundreds chart</li> <li>identify and extend through investigation, numeric repeating patterns</li> <li>identify pattern rule (NSN Connection)</li> </ul>	<ul> <li>repeating patterns</li> <li>real-life contexts</li> <li>repeating an operation</li> <li>growing and shrinking patterns</li> <li>repeated addition &amp; subtractio (NSN Connection)</li> </ul>	<ul> <li>growing and shrinking patterns</li> <li>number line, calendar &amp; hundreds cha</li> <li>addition and subtraction (<i>NSN Conne</i>)</li> <li>demonstrate understanding that a parepeated action or operation, a transfanother change to an attribute</li> </ul>		
Nov. 11-Nov. 29	DATA MANAGEMENT & PROBABILITY Collection & Organization of Data	<ul> <li>sort &amp; classify objects and describe attributes</li> <li>collect objects and data and make concrete graphs</li> </ul>	<ul> <li>organize, classify &amp; sort objects into categories using one attribute</li> <li>collect &amp; organize primary data and display with one-to- one correspondence: concrete graphs &amp; pictograph</li> </ul>	<ul> <li>organize, classify &amp; sort objects into categories using two attributes</li> <li>collect, organize, and display primary data that is categorical or discrete</li> <li>gather data to answer a question</li> </ul>	<ul> <li>conduct simple surveys</li> <li>collect, organize and display discrete prin</li> <li>charts, tables and graphs: pictograph, ver</li> <li>describe the shape of data</li> <li>sort &amp; classify objects using two or more</li> </ul>		
	DATA MANAGEMENT & PROBABILITY Data Relationships	<ul> <li>compare objects and describe attributes</li> <li>respond to and question data &amp; graphs</li> </ul>	<ul> <li>read &amp; compare primary data</li> <li>pose and answer questions about collected data</li> </ul>	<ul> <li>read, describe &amp; demonstrate understanding of primary data</li> <li>pose &amp; answer questions about collected data</li> <li>distinguish between data values and frequency of events</li> </ul>	<ul> <li>read, compare, interpret &amp; draw conclus primary data</li> <li>mode</li> </ul>		
Ongoing Number Iks	NUMBER SENSE & NUMERATION Operational Sense		<ul> <li>addition &amp; subtraction</li> <li>whole number problems to 20 using concrete materials</li> </ul>	<ul> <li>addition &amp; subtraction</li> <li>2-digit numbers with &amp; without regrouping: student generated &amp; standard algorithms</li> <li>multiplication</li> <li>represent multiplication as the combining of equal groups</li> </ul>	<ul> <li>multiplication</li> <li>to 7x7 using mental math strategies</li> <li>identify and describe number pattern represented on a number line, calend (Patterning and Algebra Connection)</li> </ul>		

length, height & distance

length, height, width, area

benchmark

same size for measuring

construct tools using a variety of strategies

non-standard measurements 

 area

show understanding of the use of non-standard units of the

estimate, measure & describe using non-standard units

• compare two or 3 objects using measureable attributes

relationship between size of unit and number of units

□ length-compare non-standard measurements with the metre

division

represent & explain that division as the

benchmarks : personal referents for cm &m

estimate and measure using non-standard and standard units

a unit of area and the number of non-standard units needed to

record and represent measurements in a variety of ways

□ estimate, measure and record the perimeter & area of objects

sharing of a quantity equally

select and justify standard unit of

□ area (estimate, measure and record)

describe relationship between the size of

Iength, height & distance

measurement

using non-standard units

cover the surface

Dec. 2-20 through I Tall

31

6-Jan.

Jan.

MEASUREMENT

Attributes, Units &

Measurement

MEASUREMENT

Measurement

Relationships

Sense

awareness of non-standard & standard measuring devices

compare & order two or more objects according to

longer/shorter& thicker/thinner

appropriate measure

length &area

use measurement terms

## municating

nks to all the other processes.				
GRADE 3	GRADE 4			
<ul> <li>read, represent, compare &amp; order whole numbers to 1000</li> <li>read &amp; print in words to 100</li> <li>place value: hundred, tens, ones</li> <li>relationship between 1, 10, 100 &amp; 1000</li> <li>round two-digit numbers to the nearest ten</li> <li>money to \$10</li> <li>solve problems that arise from real life situations and that relate to magnitude of whole numbers into 1000</li> <li>count forward by 1's, 2's, 5's, 10's &amp; 100's to 1000</li> <li>counting money amounts to \$10.00</li> <li>counting by 5s for time</li> <li>counting and skip counting with coins</li> <li>addition &amp; subtraction</li> <li>2-digit numbers &amp; mental math strategies</li> </ul>	read, represent compare and order whole numbers to 10 000     read & print in words to 1000     place value: from 1 to 10 000     round four-digit numbers to the nearest ten, hundred, thousand     read and represent money amounts to \$100     solve problems that arise from real life situations and that relate     to magnitude of whole numbers into 10000     ONAP – Questions 1, 2, 3, 4, 5, 10 – Performance Task 1     count forward by tenths from any decimal     number expressed to one decimal place, using concrete materials     and number lines     ONAP – Questions 11. 12     addition and subtraction         2 digit numbers (mental math strategies)			
<ul> <li>3-digit numbers &amp; student-generated algorithms</li> <li>estimation</li> </ul>	<ul> <li>4 digit numbers (student generated and standard algorithms)</li> <li>Estimation and reasonableness of answer</li> <li>ONAP – Questions 13, 14, 15</li> </ul>			
<ul> <li>2-D shapes</li> <li>compare &amp; sort polygons</li> <li>relationship between different types of quadrilaterals</li> <li>congruent shapes</li> <li>identify, compare and describe angles as bigger than, smaller than, or about the same as other angles</li> </ul>	<ul> <li>2-D shapes</li> <li>identify, compare and sort different types of quadrilaterals</li> <li>identify benchmark angles using a reference tool and compare other angles to these benchmarks</li> <li>relate the names of the benchmark angles to their measures in degrees</li> <li>ONAP – Questions 1, 2, 3 – Performance Task 1</li> </ul>			
<ul> <li>growing and shrinking patterns</li> <li>number line, calendar &amp; hundreds chart</li> <li>addition and subtraction (<i>NSN Connection</i>)</li> <li>demonstrate understanding that a pattern results from a repeated action or operation, a transformation or making another change to an attribute</li> </ul>	<ul> <li>growing and shrinking patterns</li> <li>extend, describe, and create repeating, growing and shrinking number patterns</li> <li>connect each term with its term numbers</li> <li>addition and subtraction or multiplication given a pattern rule</li> <li>ONAP – Questions 1, 2, 3 – Performance Task 2</li> </ul>			
<ul> <li>conduct simple surveys</li> <li>collect, organize and display discrete primary data</li> <li>charts, tables and graphs: pictograph, vertical &amp; horizontal graphs</li> <li>describe the shape of data</li> <li>sort &amp; classify objects using two or more attributes</li> </ul>	<ul> <li>collect data from surveys and experiments</li> <li>collect and organize discrete primary data</li> <li>display collected data in charts, and graphs including stem and leaf and double bar graph</li> <li>sort and classify objects using two or more attributes</li> <li>ONAP – Questions 1, 2, 3 – Performance Task 1</li> </ul>			
<ul> <li>read, compare, interpret &amp; draw conclusions of primary data</li> <li>mode</li> </ul>	<ul> <li>read, compare, interpret &amp; draw conclusions of primary and secondary data</li> <li>median</li> <li>describe shape of data</li> <li>comparing related sets of data</li> <li>ONAP - Questions 4, 5, 6</li> </ul>			
<ul> <li>multiplication</li> <li>to 7x7 using mental math strategies</li> <li>identify and describe number patterns involving multiplication represented on a number line, calendar &amp; hundreds chart (<i>Patterning and Algebra Connection</i>)</li> <li>division</li> <li>to 49 ÷7 using mental math strategies</li> <li>ongoing mental math strategies</li> <li>relate multiplication of 1-digit numbers &amp; division by 1- digit divisors to real life situations</li> </ul>	<ul> <li>multiplication</li> <li>to 9x9 using mental math strategies</li> <li>whole numbers by 10, 100, 1000</li> <li>2 digit by 1 digit whole numbers</li> <li>division</li> <li>to 81 ÷ 9 using mental math strategies</li> <li>whole numbers by 10, 100,</li> <li>2 digits by 1-digit whole number</li> <li>ONAP - Questions 17, 18 - Performance Task 2</li> </ul>			
<ul> <li>length, height &amp; distance</li> <li>cm, m, km</li> <li>estimate, measure and record using standard units</li> <li>compare and order objects in problem solving contexts</li> <li>draw items using a ruler giving specific lengths in cm</li> <li>perimeter and area of 2-D shapes using standard units</li> <li>estimate, measure and record using standard units</li> </ul>	<ul> <li>length, height &amp; distance</li> <li>mm, cm, m, km</li> <li>estimate, measure and record using standard units</li> <li>draw items using a ruler giving specific lengths in mm, cm</li> <li>perimeter and area of polygons using standard units</li> <li>estimate, measure and record using standard units</li> <li>ONAP – Questions 1, 2, 6, 7</li> </ul>			
<ul> <li>length</li> <li>compare: cm, m, km &amp; justify appropriateness</li> <li>perimeter and area</li> <li>compare area using congruent shapes</li> <li>relationship between the size of a unit &amp; the number needed to cover the area</li> </ul>	<ul> <li>length, height &amp; distance</li> <li>Relationship between: mm, cm, dm, m, km</li> <li>perimeter and area</li> <li>Relationship to length of sides</li> <li>Distinguish between perimeter and area</li> <li>ONAP - Questions 11, 12, 13, 14 - Performance Task 2</li> </ul>			

## 2019-2020 K-4 Mathematics Continuum: Term Two

NCDSB						
Dates	Strands &	KINDERGARTEN	GRADE ONE	GRADE TWO	GRADE 3	GRADE 4
	Topics					
Feb. 3-7	GEOMETRY &	□ basic spatial relationships and movements:	describe relative location of objects	□ describe relative location & movement of objects	□ describe movement using a grid map	□ identify and describe the location of an object using a grid system
	SPATIAL SENSE	above/below, near/far, in/out	<ul> <li>positional language</li> <li>concrete maps</li> </ul>	on a map □ draw simple maps	□ flips → reflections, slides → translations, turns → rotations	<ul> <li>identify, perform and describe reflections</li> <li>create an analyse symmetrical designs</li> </ul>
	Movement		create symmetrical designs & pictures	□ create & describe symmetrical designs	vertical, horizontal & diagonal lines of symmetry	ONAP – Questions 11, 12, 13
Feb. 10-Feb. 28	PATTERNING & ALGEBRA Patterns & Relationships	<ul> <li>repeating patterns</li> <li>identify &amp; describe repeating patterns informally in everyday contexts</li> <li>oral expressions: goes before, goes after</li> </ul>	<ul> <li>repeating patterns</li> <li>identify, describe &amp; extend geometric patterns</li> <li>one attribute</li> <li>represent a repeating pattern: pictures, actions, colours, sounds, numbers, letters</li> </ul>	<ul> <li>repeating patterns</li> <li>repeated change to an attribute</li> <li>growing and shrinking patterns</li> <li>two attributes</li> </ul>	<ul> <li>repeating patterns</li> <li>identify, extend and create a pattern with two attributes</li> <li>growing and shrinking patterns</li> <li>numbers (i.e. multiplication)</li> <li>geometric patterns using number sequences</li> </ul>	<ul> <li>repeating patterns</li> <li>numeric and geometric</li> <li>extend and create repeating patterns resulting from reflections</li> <li>make predictions related to repeating patterns and numeric patterns</li> <li>growing and shrinking patterns</li> <li>term and term number, multiplication</li> <li>ONAP – Questions 4, 5, 6</li> </ul>
	PATTERNING & ALGEBRA Expressions & Equality		<ul> <li>create sets: greater than, less than, or equal to given to a set of objects</li> <li>balance model and whole numbers to 10</li> <li>explicit teaching of equal sign</li> </ul>	<ul> <li>equality by partitioning whole numbers to 18</li> <li>represent two number expressions that are equal</li> <li>determine missing numbers in equations</li> <li>commutative property of addition &amp; the properties of zero in addition &amp; subtraction</li> <li>explicit teaching of equal sign</li> </ul>	<ul> <li>addition &amp; subtraction</li> <li>inverse relationships between addition and subtraction (associative property)</li> <li>missing numbers in equations</li> <li>addition &amp; subtraction 25-4=15+</li> <li>commutative property of addition &amp; the properties of zero in addition &amp; subtraction</li> <li>explicit teaching of equal sign</li> </ul>	<ul> <li>multiplication &amp; division</li> <li>inverse relationships</li> <li>commutative and distributive properties of multiplication</li> <li>missing numbers in equations (multiplication)</li> <li>ONAP – Questions 7, 8, 9, 10 – Performance 1</li> </ul>
Mar. 2-27 Ongoing through Number Talks	NUMBER SENSE & NUMERATION Quantity Relationships	<ul> <li>money</li> <li>explore different Canadian coins</li> <li>recognize some quantities without counting</li> <li>composing/decomposing numbers &amp; subitizing</li> <li>estimation</li> </ul>	<ul> <li>money</li> <li>identify, describe &amp; state value of coins</li> <li>represent money amounts to 20 cents</li> <li>fractions</li> <li>divide whole objects into parts equal-sized parts of the whole: halves, fourths, or quarters</li> </ul>	<ul> <li>money</li> <li>represent, compare &amp; order money amounts to 100 cents</li> <li>estimate, count &amp; represent the value of a collection of coins to a max. of \$1.00</li> <li>fractions</li> <li>relationship between fractional parts of a whole and the size of the fractional parts</li> <li>compare &amp; regroup fractional amounts</li> </ul>	<ul> <li>fractions</li> <li>divide whole objects &amp; sets into equal groups</li> <li>identify fractional names <u>without using numbers</u> in fractional notation</li> </ul>	<ul> <li>represent, order &amp; compare fractions</li> <li>concrete materials, words, fractional notation</li> <li>Counting forward by halves, thirds, fourths and tenths beyond one whole</li> <li>relationships between fractions and decimals</li> <li>decimal numbers</li> <li>Represent, compare and order decimal numbers to tenths</li> <li>Count forward by tenths</li> <li>Add and subtract decimal numbers to tenths</li> <li>Add and subtract money amounts \$100</li> <li>ONAP – Questions 7, 8, 9</li> </ul>
March 30-April 10	DATA MANAGEMENT & PROBABILITY Probability	<ul> <li>informal discussions to describe probability</li> </ul>	<ul> <li>likelihood of everyday event: impossible, unlikely, less likely, more likely, certain</li> </ul>	<ul> <li>likelihood of an event: impossible, unlikely etc,</li> <li>simple probability experiments or games</li> <li>frequency of an outcome</li> </ul>	<ul> <li>simple probability experiments or games</li> <li>frequency of an outcome &amp; fairness</li> <li>perform the experiment, compare results with predictions using mathematical language</li> </ul>	<ul> <li>simple probability experiments</li> <li>frequency of an outcome</li> <li>how repetitions affect conclusions drawn</li> <li>ONAP – Questions 7, 8 – Performance Task 2</li> </ul>
Apr. 13-24	NUMBER SENSE & NUMERATION Operational Sense	<ul> <li>addition &amp; subtraction in everyday activities with manipulatives</li> </ul>	<ul> <li>addition &amp; subtraction</li> <li>whole number problems to 20 concretely</li> <li>money amounts to 10 ¢</li> </ul>	<ul> <li>addition &amp; subtraction</li> <li>money amounts to 100 cents</li> </ul>	<ul> <li>addition &amp; subtraction</li> <li>money to \$10 – including making change</li> </ul>	<ul> <li>relationship involving simple whole-number</li> <li>Multiplication</li> <li>ONAP – Questions 17, 18</li> </ul>
April 27-May 22	GEOMETRY & SPATIAL SENSE Geometric Properties	<ul> <li>3-D figures</li> <li>explore, sort &amp;compare traditional and non-traditional figures</li> <li>identify &amp; describe</li> </ul>	<ul> <li>3-D figures</li> <li>trace &amp; identify 2-D shapes in 3-D figures</li> <li>identify, describe, sort &amp; classify common 3-D figures</li> <li>similarities/differences: everyday objects &amp; 3-D figures</li> </ul>	<ul> <li>3-D figures</li> <li>identify, describe &amp; sort 3-D figures by geometric properties</li> <li>create models &amp; skeletons of prisms &amp; pyramids</li> </ul>	<ul> <li>3-D figures</li> <li>describe &amp; name prisms &amp; pyramids by the shape of their base</li> <li>3-D figures</li> <li>compare &amp; sort prisms and pyramids</li> <li>construct rectangular prisms</li> </ul>	<ul> <li>3-D figures</li> <li>prisms and pyramids</li> <li>ONAP – Questions 4, 5</li> </ul>
	GEOMETRY & SPATIAL SENSE Geometric Relationships	<ul> <li>3-D figures</li> <li>build 3-D figures &amp; recognize structures</li> <li>investigate relationship between 2-D shapes and</li> <li>3-D figures</li> </ul>	<ul> <li>2-D shapes</li> <li>compose patterns, pictures &amp; designs</li> <li>cover outline puzzles with 2D shapes (ie: tangrams)</li> <li>3-D figures</li> <li>build 3-D figures &amp; describe 2-D shapes within</li> </ul>	<ul> <li>2-D Shapes</li> <li>compose &amp; describe pictures combing 2-D shapes</li> <li>cover an outline puzzle with 2D shapes in more than one way</li> <li>3-D figures</li> <li>build structures using 3-D figures &amp; describe 2-D shapes &amp; 3-D figures in it</li> </ul>	<ul> <li>2-D Shapes</li> <li>solve problems with &lt; or &gt; amount of shapes</li> <li>identify, describe the 2D shapes that can be found in 3D figures</li> </ul>	<ul> <li>3-D figures</li> <li>nets of rectangular &amp; triangular prisms</li> <li>skeletons</li> <li>construct 3-D figs. with congruent shapes</li> <li>ONAP - Questions 6, 7, 8, 9, 10 - Performance 2</li> </ul>
May 25-June 25	MEASUREMENT Attributes, Units & Measurement Sense	<ul> <li>temperature</li> <li>compare &amp; order two or more objects according to appropriate measure: hot/cold</li> </ul>	<ul> <li>time</li> <li>estimate, measure and describe passage of time through non- standard units</li> <li>read digital &amp; analogue clocks and identify benchmark times (breakfast, lunch, dinner)</li> <li>months of the year &amp; read calendar</li> <li>temperature : relate temps seasonal experiences</li> </ul>	<ul> <li>time</li> <li>tell &amp; write time to the nearest quarter-hour on digital &amp; analogue clocks</li> <li>construct tools for measuring time intervals in non-standard units</li> <li>temperature</li> <li>use standard thermometer to determine changes in temp</li> <li>describe how changes in temp affect daily life</li> </ul>	<ul> <li>time</li> <li>read and represent time to the nearest 5 minutes</li> <li>represent in 12-hour notation</li> <li>read and write time two different ways</li> <li>temperature</li> <li>estimate &amp; read positive temperature to nearest degree Celsius</li> <li>benchmark temperatures</li> </ul>	<ul> <li>time         <ul> <li>nearest minute</li> <li>elapsed time expressed in 5-minute intervals, hours, days, weeks, months or years</li> </ul> </li> <li>ONAP – Questions 3</li> </ul>
	MEASUREMENT Measurement Relationships		<ul> <li>compare two or 3 objects using measureable attributes</li> <li>compare and order objects by their linear measurements using the same non-standard unit</li> </ul>	<ul> <li>time</li> <li>relationship between days &amp; weeks, and months &amp; years</li> </ul>	<ul> <li>time</li> <li>relationship between min. &amp; hours, hours &amp; days, days &amp; weeks &amp; weeks &amp; years</li> </ul>	<ul> <li>time</li> <li>relationship between year &amp; decade, decade and century</li> <li>ONAP – Questions 16 – Performance Task 2</li> </ul>
	MEASUREMENT Attributes, Units & Measurement	<ul> <li>awareness of non-standard &amp; standard measuring devices</li> </ul>	<ul> <li>estimate, measure and describe</li> <li>capacity &amp; mass using non-standard units</li> </ul>	<ul> <li>estimate, measure and record</li> <li>capacity &amp; mass using non-standard units</li> </ul>	<ul> <li>estimate, measure and record</li> <li>mass: kg or parts of a kilogram</li> <li>capacity: L or parts of a litre</li> <li>benchmark kg and L</li> </ul>	<ul> <li>estimate, measure and record</li> <li>mass: g, kg</li> <li>capacity: ml, L</li> <li>volume: non-standard</li> <li>ONAP – Questions 8, 9, 10 – Performance 1</li> </ul>
	MEASUREMENT Measurement Relationships	<ul> <li>compare &amp; order two or more objects according to appropriate measure</li> <li>mass &amp; capacity</li> <li>use measurement terms small/medium/large</li> <li>awareness of non-standard &amp; standard meas. tools</li> </ul>	<ul> <li>mass &amp; capacity</li> <li>compare two or 3 objects using measureable attributes</li> <li>relationship between size of unit and number of units</li> </ul>	<ul> <li>mass &amp; capacity</li> <li>compare and order a collection of objects using non-standard units</li> </ul>	<ul> <li>mass &amp; capacity</li> <li>compare &amp; order objects by mass (kilograms) or capacity (litre)</li> </ul>	<ul> <li>relationship: volume and capacity</li> <li>mass: mg, g, kg (relationship of g to kg)</li> <li>compare and order measured objects</li> <li>capacity: ml, L (relationship of ml to L</li> <li>compare and order measured objects</li> <li>ONAP – Questions 15</li> </ul>