



P.1 MATHEMATICS SCHEME OF WORK FOR TERM ONE

Learning outcomes: The learner is able to

-know, communicate with and relate to other people harmoniously.

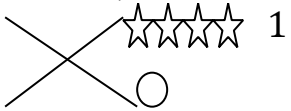
-know and relate to people, identify things in the home, appreciate and participate in home activities.

-know, communicate with and relate with other people harmoniously and identify important places in the community - identify, protect, know and care for his/ her body for health.

W K	P D	THE ME	SUB- THEME	CONTENT	COMPETENC ES	METHODS/ TECHNIQUE S	ACTIVITI ES	INDICATO RS OF LIFE SKILLS AND VALUES	INSTRUCTI ONAL MATERIALS	REF	R E M
1	1	Our scho ol	People in our school	<u>Counting objects</u> e.g. steps, pencils, books, chairs, tables, desks	The learner - counts objects -identifies the given objects	Demonstrati on -discussion	Counting Sorting	Fluency Critical thinking	Real objects e.g books	MK themati c book 1	

	2			<u>Counting numbers</u> 1-20	The learner - counts and writes numbers 1 to 20 correctly	Explanation Observation Question and answer	Counting Reciting Writing	Logical thinking Fluency	Flash cards Counters chart showing numbers	MK themati c book 1	
	3			<u>Counting numbers</u> from 20 -50	The learner	Explanation	Counting	Logical thinking	Counters	MK themati	

					-counts and writes given numbers correctly	Observation Demonstrati on	Reciting Writing	Creative thinking		c book 1	
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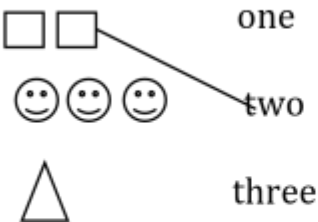


4			<p><u>Matching numbers with objects</u></p>  <p>1</p> <p>4</p> <p><u>-counting objects and writing numbers</u></p> <p>☆ ☆ = 2</p> <p>○ ○ ○ = 3</p>	Matches members with objects correctly - counts and writes numbers	Demonstration -explanation -observation	Drawing Counting Writing	Logical thinking Problem solving	Chalk board illustration Real objects Flash cards	MK thematic book 1 page 2	
5			<p><u>Filling in missing numbers</u></p> <p>2, __, 4, 5, __</p> <p>8, __, 10, __, 12</p> <p>16, __, 18, __, 20</p>	The learner: - fills the missing numbers - writes the numbers correctly	-explanation -observation -guided discovery - demonstration	-filling and writing the missing numbers	-critical thinking - problem solving	Chalk board illustration	MK thematic book 1 page 2	
21			<p><u>Writing the number after</u></p> <p>3, __</p> <p>4, __</p> <p>7, __</p>	The learner: - recognizes numbers that come after correctly	-explanation -discussion	-writing -adding - discussing -counting	-critical thinking - problem solving	Chalk board illustration Flash cards	MK thematic book 1 page 2	



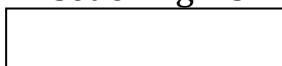
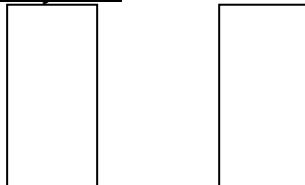
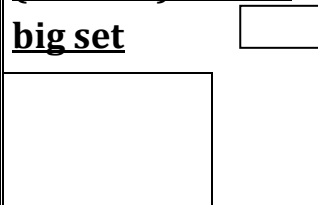
				Note: number after we add one (1) to the given number e.g 5, ____ $5 + 1 = 6$	-writes the number						
	2			<u>Writing the number before</u> ____, 2 ____, 5 ____, 9 Note: number before we subtract one (1) to the given number e.g ____, 5 $5 - 1 = 4$	The learner - recognizes numbers that come before - writes the number	-discussion -explanation	-writing - subtracting -counting	-critical thinking - problem solving	Chalk board illustration Flash cards	MK thematic book 1 page 2	
	3			<u>Writing the number between</u> 4, ____, 6 8, ____, 10 Note: either add (1) or subtract (1)	The learner: -finds the number -writes the number in between correctly	-explanation -discussion - demonstration	-writing numbers between -writing -counting	-problem solving - critical thinking	Chalk board illustration	Understanding Mathematics	

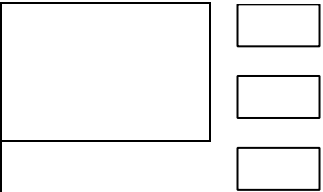



4	Things in our school	<u>Finding the smaller number</u> i) 3 and 30 ii) - and 10 find the bigger number i) 17 and 7 ii) 04 and 40 iii) 1 and 3	The learner: - circles the smallest number - identifies bigger number	- explanation - demonstration - discussion	- circling - reading - writing	- problem solving Critical thinking	Chalk board illustration	Understanding Mathematics	
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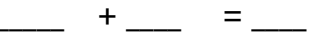
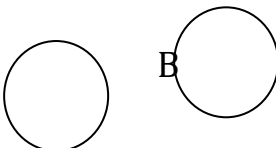
5		<u>Arranging numbers from the smallest to the biggest.</u> (ascending order) a. 4, 3, 5, 2, ____ b. 0, 5, 8, 3, 1__	The learner; arranges numbers from the smallest to biggest - writes numbers from the smallest	- explanation - demonstration - guided discovery	- arranging and writing - ordering numbers	- critical thinking - problem solving	Chalk board illustration	Improve your mathematics book 1 page 16	
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3	1			<u>-Arranging numbers from biggest to smallest</u> (descending order i) 3, 4, 0, 9, 8 = ii) 1, 2, 6, 7, 3 =	The learner - arranges numbers from biggest to smallest - identifies the numbers	-explanation - demonstration -discussion	-ordering numbers -writing -arranging	-logical thinking	Chalk board illustration	Improve your mathematics book 1 page 16
	2		Activities in our school	<u>Comparing numbers using smallest and biggest</u> 4, 6, 2 2 is the smallest (least) 6 is the biggest (greatest)	The learner - identifies biggest and smallest numbers -writes numbers correctly	-discovery - demonstration -guided discovery	- comparing -writing	-critical thinking - logical thinking	Chalk board illustration	Improve your mathematics book 1 page 16
	3			<u>Writing number words.</u> Zero, two, one, four, five, eight - counting and writing number words	The learner - writes the words for the given figure - counts objects and writes words	-explanation -discussion - demonstration	- comparing -reading -writing -drawing - matching	-logical thinking - critical thinking	Chalk board illustration	Improve your mathematics book 1 page 16

4			<u>Matches objects to number words</u> 	The learner -reads the number words -matches the objects with numbers correctly	-explanation -observation	- matching -drawing -writing	-problem solving -logical thinking	Chalk board illustration	MK MTC book 1	
5	Our home	People in our home	<u>Drawing shapes and naming them</u>  triangle square Filling in missing letters (shapes) r__ctangle c_rcle	The learner: -draws and names the shapes -matches correctly -filling the missing letters	-explanation - demonstration -observation	-drawing -spelling - matching -filling in missing letters -writing	-problem solving -critical thinking	Chalk board illustration	MK MTC book 1	
4	1		<u>Name the shapes of the given structure</u> 	The learner -draws and names the given shapes	-explanation -observation -question and answer	-drawing -naming -writing	Problem solving -accuracy	Real objects -chalk board illustration	Mk Bk 1 page 1	
2		Activities in our home	<u>Sets (definition)</u> A set is a collection of well defined objects <u>-Naming sets</u>	The learner -defines a set -names the given sets correctly	-explanation -observation -question and answer	Defining -naming -drawing	Accuracy problem solving	-real objects -chalk board illustration	Mk Bk 1 page 1	

				 An empty set						
	3		<u>Drawing sets</u> 1. A set of 4 flowers  2. A set of 2 girls 	The learner - draws the given sets - counts members in the set	-explanation - demonstration -observation	-reading -drawing -counting	-logical thinking - accuracy	-real objects -chalk board illustration	Mk Bk 1 page 1	
	4	People in our community	<u>Matching related objects</u> 	The learner - matches related sets - draws and identifies related sets	-explanation -discussion - demonstration on	Matching Drawing	Problem solving -critical thinking	-chalk board illustration	Mk Bk 1 page 5	
	5		<u>Forming new sets (subsets) from a big set</u> 	The learner -forms new sets -draws the small sets	-discovery - forming new sets - grouping -drawing	-sorting - forming new sets - grouping -drawing	-logical thinking	-chalk board illustration - real objects	Mk Mtc Bk 1 page 6	

					and the big set						
5	1			Joining sets   	The learner - identifies the sets -joins the sets	-explanation -discovery -demonstration	identifying -counting -drawing	-logical thinking - critical thinking	-chalk board illustration - real objects	Mk Mtc Bk 1 page 6	

					-draws the sets		-joining	-problem solving			
	2			Comparing sets using "less or more"  A a. Set A has ____ members b. Set B has ____ members	The learner - compares the sets correctly -draws the sets given	-explanation -observation -discovery	-comparing -drawing -counting	-problem solving - critical thinking	-chalk board illustration - real objects	Mk Mtc Bk 1 page 6	

				c. Ser A and B has _____ members							
	3			<u>Adding numbers less than 20 horizontally</u> $2 + 3 + 4 = 9$ $1 + 6 = 7$	The learner -identifies the 2 and 3 digit numbers - adds the given numbers	-explanation - demonstration -discovery	-drawing -counting -adding -writing	-accuracy - problem solving	-concrete objects - chalk board illustration	Understanding MTC bk 1 page 36	
	4			<u>Adding numbers less than 20 vertically</u> $\begin{array}{r} 1 \quad 4 \quad 3 \\ + 2 \quad + 2 \quad 0 \\ \hline \quad \quad + 5 \\ \hline \end{array}$	The learner - identifies the given numbers - adds the numbers vertically	- demonstration -discovery -explanation	-drawing -adding -writing	-accuracy - problem solving	-chalk board illustration	Understanding MTC bk 1 page 36	

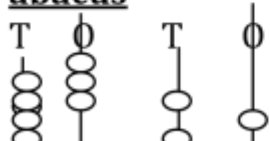
	5			Word problems involving addition 3 dogs plus 1 dog gives ____ dogd	The learner -- reads and interprets correctly	-explanation	-drawing -counting	-accuracy - problem solving	Real objects Chalk board illustration	Mk Mtc Bk 1 page 68	
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				2. three books and two books gives ____ books.	-counts and subtracts correctly	- demonstration	- subtracting				
6	1			Subtracting objects	The learner - identifies given numbers horizontally and vertically	-explanation Demonstration	Counting Subtracting Drawing	Accuracy Logical thinking	Real objects Chalk board illustration	Mk Mtc Bk 1 page 68	
	2			Subtracting numbers less than 20 horizontally 8 - 2 = 6 4 - 0 = 4 Vertically $\begin{array}{r} 3 \quad 5 \quad 9 \\ -1 \quad -2 \quad -0 \\ \hline \end{array}$	The learner - identifies given numbers horizontally and vertically	-explanation - demonstration	Counting Logical thinking	Accuracy Logical thinking	Real objects Chalk board illustration	Mk Mtc Bk 1 page 68	

3			<u>Word problem that involve subtraction</u> i) 4 takeaway 3 equals ____ ii) Three minus two equals ____ iii) Subtract 6 from 9 ____	The learner - reads and interprets correctly -subtracts correctly	-explanation - demonstration	-reading interpreting - subtracting -drawing	-accuracy - creative thinking -problem solving	Chalk board illustration	Mk Mtc Bk 1 page 68	
4			<u>Number line</u> <u>Adding</u> numbers using a number line practically 1. $2 + 3 = 5$	The learner - adds correctly using a number line	-guided discovery - explanation	Adding - drawing	Problem solving - accuracy	Chalk board illustration	Teacher collection	

			0 1 2 3 4 5 6 7 8 9 10	-draws the number line	- demonstration					
5		Important places in our community	More of adding on the number line 1. $4 + 0 = 4$ 0 1 2 3 4 5 6 7 8 9 10	The learner - adds correctly using a number line - draws the number line	-guided discovery - explanation	-adding -drawing	-problem solving - accuracy	Chalk board illustration	Teacher collection	

7	1			Subtracting numbers using a number line $1.5 - = 3$ partically 0 1 2 3 4 5 6 7 8 9 10	The learner - subtracts using a number line practically	Guided discovery -explanation	- subtracti ng -drawing	-problem solving - accuracy	Compound	Themat ic curr	
	2			More of subtracting using a number line $7 - 7 = 0$ 0 1 2 3 4 5 6 7 8 9 10	The learner - subtracts using a number line	-guided discovery - explanation	- subtracti ng -drawing	-problem solving - accuracy	Compounds	Themat ic curr	
	3			Place values <u>-counting in tens</u> $1 \text{ ten} = 10$ $2 \text{ tens} = 20$ $3 \text{ tens} = 30$	The learner - counts and makes groups of tens - writes the values of groups counted	-explanation - demonstrati on -observation	-counting -drawing -writing	-critical thinking - problem solving	-chalk board illustration	MK MTC Bk 1 page 34	

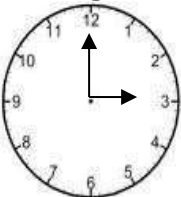
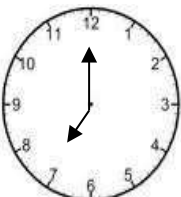
4		<p><u>Counitng in tens and ones</u></p> <p>___ tens ___ ones ___ tens ___ ones</p> <p>Drawing tens and ones 12= 15= 7 = 03 =</p>	<p>The learner</p> <ul style="list-style-type: none"> -draws tens and ones -counts tens and ones correctly 	<ul style="list-style-type: none"> -explanation - demonstration 	<ul style="list-style-type: none"> -drawing -counting -writing 	<ul style="list-style-type: none"> -problem solving -critical thinking 	<ul style="list-style-type: none"> -counters -chalk board illustration 	MK MTC BK1 page 35	
5		<p><u>Filling in tens and ones using illustrations</u></p> <p>30 = ___ tens ___ ones ___ tens ___ ones = 91 4 tens ___ ones = 47 6 tens 2 ones = ___ 5 tens + 3 ones = ___</p>	<p>The learner</p> <ul style="list-style-type: none"> -fills in the tens and ones -writes tens and ones correctly 	<p>Discussion</p> <p>Question and answer Discovery</p>	<p>Writing Counting Filling</p>	<ul style="list-style-type: none"> -Problem solving -critical thinking 	<ul style="list-style-type: none"> -Counters -Chalk board illustration 	MK MTC BK1 page 35	
8	1	<p><u>Filling in tens and ones</u></p> <p>3 tens 4 ones = ____ ___ tens ___ ones = 6 4 tens ___ ones = 45</p>	<p>The learner</p> <ul style="list-style-type: none"> -fills in tens and ones -writes tens and ones correctly 	<ul style="list-style-type: none"> -question and answer -explanation 	<ul style="list-style-type: none"> -filling in -writing 	<ul style="list-style-type: none"> -creative thinking - discussion 	<ul style="list-style-type: none"> -counters -chalk board illustration 	MK MTC BK1 page 36	
2		<p><u>Counting in tens and ones on the abacus</u></p> 	<p>The learner</p> <ul style="list-style-type: none"> -counts tens and ones correctly 	<ul style="list-style-type: none"> -discovery - demonstration 	<ul style="list-style-type: none"> -drawing -counting -writing 	<ul style="list-style-type: none"> -logical thinking Critical thinking 	<ul style="list-style-type: none"> -chalk board illustration 	MK MTC BK1 page 54	

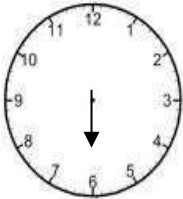


				<div>53</div>	-writes tens and ones correctly						
	3	External parts of the body and their uses	<div><div><div><div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div></div></div></div><div><div><div></div><div></div><div></div><div></div></div><div><div><div></div><div></div><div></div><div><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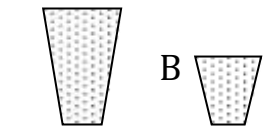
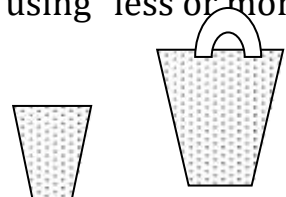
	5			<u>Subtracting tens and ones on the abacus</u> $\begin{array}{r} \text{T} \quad \text{O} \quad \text{T} \quad \text{O} \\ 4 \quad 3 \quad \underline{1} \quad 0 \\ +4 \quad \underline{2} \quad +1 \quad 5 \end{array}$	The learner - identifies tens and ones - adds the given numbers on the abacus correctly	-explanation - demonstration -discussion	-counting -adding -writing	-logical thinking -problem solving	Counters Chalk board illustration	Mk Bk 1 MTC page 56	
9	1			<u>Days of the week</u> There are 7 days in a week 1. Sunday 2. Monday	The learner - writes the days of the week correctly	-observation -guided discovery	-spelling -reading -writing	-logical thinking Fluency	A chart showing days of the week	Mk MTC BK 1 page 133	
				3. Tuesday 4. Wednesday 5. Thursday 6. Friday 7. Saturday	-answers questions about the days of the week						

	2	Personal hygiene	Filling in the missing days and the letters in the days of the week. (before and after) Frida, ____, Sunday ____, Tuesday Wed__esday, Fr__day, Th__rsaday, S__turday	The learner - writes the days of the week -spells the names of the days of the week correctly	Observation Guided discovery Discussion	Spelling Reading Writing	Logical thinking Critical thinking	Chalk board illustration	MK MTC 1 page 134	
	3		Reading and writing monthd of the year - there are 12 monthd in a year January, February, march, april, may, June, July, August, September, October, November, December	The learner - writes the months of the year correctly Spells and reads the months of the year	Explanation Guided discovery	Spelling Reciting Writing Reading	Confidenc e Critical thinking Fluency	A chart showing months of the year Flash cards	Mk Bk 1 MTC page 134	

	4			Filling in the months before and after _____, February _____, April August, _____ November, ____	The learner -fills in the months beforw and after	Question and answer -observation -discussion	-reading -spelling -reciting -writing	-problem solving - confidence	Flash cards		
					-recites the months of the year correctly			-critical thinking			
	5			Writing the months of the year in full Jan Feb Oct Nov Dec	The learner - writes the months pf the year in full - reads and spells words correctly	-question and answer Guided discovery	-reading Speilling Writing	-problem solving - confidence -critical thinking	Chalk board illustration	Mk Bk 1 MTC page 134	

1	1		Diseases	Time -Hour hand-short hand -minute hand – long hand Telling time orally  It is 3 o'clock	The learner - tells time orally -identifies the hour hand and the minute hand	Demonstrati on Explanation Observation	Telling time Observati on	Problem solving Critical thinking	Real objects e.g clock face	The N.P.S curriculum for Uganda book 1 page 40	
	2			Telling the time on the clock face  It is ____ o'clock	The learner - tells time in hours correctly -draws the clock faces correctly	- demonstrati on -observation -discovery	-telling time -drawing -writing	-problem solving -accuracy -critical thinking	-real objects e.g clock face Chalk board illustration	Themat ic curr	

				 <p>It is ____ o'clock</p>							
	3			<p>Showing the time on clock face</p>  <p>It is 4 o'clock</p>  <p>It is 12 o'clock</p>	<p>The learner - draws the clock faces - shows the time on the clock face</p>	<p>- demonstration - observation - discovery</p>	<p>-drawing -reading - showing time</p>	<p>-critical thinking - logical thinking</p>	<p>0chalk biard illustration</p>	<p>Themat ic curr</p>	

4			<p>Capacity Measuring capacity using more or less practically</p>  <p>A</p> <p>Container A holds more water than container B</p>	The learner - measures the capacity practically using different containers - finds the container that holds less or more	-explanation -discussion -demonstration	Measuring liquids using container	-problem solving Accuracy Logical thinking	Real objects Glasses Buckets Bottles	Mk Pri MTC Bk 1 page 102	
			2. Container B holds less water than A							
5			<p>Measuring capacity glass bucket using "less or more"</p>  <p>A glass holds ____ water A bucket holds ____ water</p>	The learner - measures capacity using 'less or more' correctly	Guided discovery -discussion -demonstration	Comparing capacity	Critical thinking -accuracy -logical thinking	Bottle Glass Water Pots Jugs	Primary MTC book 1 page 102	

