## ENGLISH MATHEMATICS \_2021 WEEKLY TEACHING PLAN \_ GRADE 6

TERM 1	Week 1 3 days	Week 2 5 days	Week 3 5 days	Week 4 5 days:	Week 5 5 days	Week 6 5 days	Week 7 5 days	Week 8 5 days	Week 9 4 days	
Hours per week	3 hrs.	6 hrs.	6 hrs.	6 hrs.	6 hrs.	6 hrs.	6 hrs.	6 hrs.	5 hrs.	3 hrs.
Hours per topic	3 hrs.	6 hrs.	12 hrs.		12 hrs	5.	2 hrs	12 hrs.		6 hrs.
Topics, concepts and skills	REVISION OF GRADE 5 WEEK	Counting, ordering, comparing, representing and place value (6 – 9 digit numbers)  Order, compare and represent numbers up to at least 9-digit numbers  Represent prime numbers to at least 100  Recognize the place value of digits in whole numbers to at least 9-digit numbers  Round off to the nearest 5, 10, 100 and 1 000	Number range for of the state o	traction of with at least 5-numbers  ques  techniques to ck written and ons with whole ng:  racting in  and breaking rs and goer line n and s inverse  llator e numbers  use the sociative; erties of whole  additive  nvolving whole cimal fractions,  texts	WHOLE NUMBERS Multiplication  Number range for each of the digit by 3-dig to the digit by 3-digit	calculations at least whole it numbers as on whole without  ques include it techniques to ck written and ons with whole ag: a columns and breaking ars a halving ication and overse ulator multiples and git and 3-digit	FORMAL ASSESSMENT TASK  ASSIGNMENT Counting, ordering, comparing, representing and place value Addition and subtraction Multiplication	Number range for calculations  Division of at least digit by 3-digit not be digit not be digit not be digit numbers  Division as involved and factors  Multiples of 2-digit digit numbers  Prime factors of nup to at least 100  Properties of whole  Recognize and us commutative; assignity digit numbers  1 in terms of its multiplicative proper whole numbers  1 in terms of its multiplicative proper whole numbers  1 in terms of its multiplicative proper whole numbers	at whole 4- umbers as on ith or  ues form and mental whole g: plication ad n halving cation and verse ator nultiples t and 3- ers umbers  numbers se the ociative; rties of	FORMAL ASSESSMENT TASK  TEST All topics

			Solve problems involving whole numbers and decimal fractions, including:	Solving problems      Solve problems involving whole numbers and decimal fractions, including:     — financial contexts     — measurement contexts     Solve problems involving whole numbers, including:     — comparing two or more quantities of the same kind (ratio)     — ccomparing two quantities of different kinds (rate) grouping and equal sharing with remainders	
Prerequisit e skill or pre- knowledge	representing and place value of (4 – 6 digit numbers)	<ul> <li>Addition and Subtraction of 5- digit numbers</li> <li>Properties of operations with whole numbers</li> </ul>	<ul> <li>Multiplication of 3-digit by 2-digit numbers</li> <li>Prime numbers</li> <li>Multiples of 2-digits whole numbers to at least 100</li> <li>Factors of 2-digit whole numbers to at least 100</li> <li>Properties of operations with whole numbers</li> </ul>	<ul> <li>Division of 3-digit by 2-digit numbers</li> <li>Multiples of 2-digits whole numbers to at least 100</li> <li>Factors of 2-digit whole numbers to at least 100</li> <li>Properties of operations with whole numbers</li> </ul>	

TERM 2	Week 1 4 days		Veek 2 5 days	Week 3 3 days		Week 4 5 days	1	Neek 5 5 days	Week 6 5 days		Week 7 5 days	Week 8 5 days	Week 9 5 days	Week 10 4 days	Week 11 5 days
Hours per week	5 hrs.	(	6 hrs.	3 hrs.		6 hrs.	(	6 hrs.	6 hrs.		6 hrs.	6 hrs.	6 hrs.	5 hrs.	6 hrs.
Hours per topic	6 hrs	1		9 hrs	•	6 hrs			15 hrs		2 hrs.		12 hrs	5 hrs.	6 hrs.
Prerequisite skill or pre-knowledge	Number sentences  Number sentences  Solve and complete number sentences  inspection  trial and improvement  Check solutions by substitution  Number sentences a level of grade 5	ences m te s by:	Investigat  Investigat  Investi numer relation patterr  Secon rate of pattern of pattern relation learner  Input and  Determ output the partusing:  Input and  Determ different same in preser preser of preser of preser of pattern output in preser of preser of preser of pattern output in preser of preser of preser of preser of pattern output in preser of preser of preser of pattern output in preser of preser of pattern output in preser	quences involving a nstant difference or itio learner's own creat presented in tables be observed in tables in r's own words. I output values in r's own words. I output values, values and rules for terms and relations with diagrams of the relationship or rule inted: rbally a flow diagram a number sentence of itigate and extend ins.	for a r tion	Investigate and extend patterns  Investigate and extend patterns  Investigate and extend patterns  Investigate and extend patterns lood for relationships or repatterns:  - represented in physical or diagraterns  - sequences involuted constant different ratio  - of learner's own creation  Describe observed relationships or rules learner's own words  Input and output value  Determine input value output values and ruthe patterns and relationships using:  - flow diagrams  - tables  Equivalent forms  Determine equivalent different descriptions the same relationshim rule presented:  - verbally  - in a flow diagram  - by a number ser  Investigate and expatterns  Describe patterns  Investigate and expatterns	nd lking ules of ram ving a nce or s in les, les for nce of s of p or ntence	Compating     Compating     Compating     Interest of the second of	on and subtraction ers  ons of whole number oblems  problems  problems in contexing common fraction grouping and server and use equivalence and in the common fraction (2-digit denominations in which one dinator is a multiple er)  on fraction, decimal ercentage forms of er  enumbers  sharing	of ch one e of of mixed oers  exts ons, sharing ole  valent ons with 1-tors e of of the tween of the same of the s	FORMAL ASSESSMENT TASK  INVESTIGATION  Numeric and Geometric Patterns Common Fractions	Recogniz place value  Count backwe fraction decime  Compensation decime  Place least to the control of the count of the co	problems in context ng decimal fractions int forms: Inize equivalence en common fraction and al fraction forms of the number gnize equivalence en common fraction, al fraction and intage forms of the same er	REVISION	FORMAL ASSESSMENT TASK  TEST All Term 1 and Term 2 topics
			<ul><li>words</li><li>Descr</li><li>obser</li></ul>	ibe general rules ved in patterns mine input and ou		Describe patterns own words	in	Equiva	ons of whole nur alence	nbers		<ul> <li>Compare and order tenths and hundredths</li> <li>Fractions of whole numbers</li> <li>Equivalence</li> </ul>			
TERM 3	Week 1 4 days	Week 5 day			Week 5 day			Wee 5 da			eek 7 Week 8 lays 5 days		Week 9 5 days	Week 10 5 days	Week 11 4 days

Hours per week	5 hrs.	6 h	ırs.	6 hrs.	6	hrs.	5 hrs.	6 hrs.	6 hrs.	6 hrs.	6 hrs.	6 hrs.	5 hrs.		
Hours per topic	6 hrs			12 hrs			6 hrs.	6 hrs	9 hrs		9 hrs		6 hrs.		5 hrs.
Topics, concepts and skills	• Estimate and practically mea 2-D shapes an objects using measuring instruments su — rulers — metre stic — tape meas — trundle who is record, comparand order length shapes and obtain millimetres (crumetres (m), kilometres (km) (centimetres (crumetres (m)) (contexts involvate length) end to context involvate length convert between millimetres (crumetres (m) and kilometres (km) include fraction decimal forms decimal places	asure ad 3-D ach as: aks sures neels are ths of ojects mm), m), d g s in ring en m), m), d g on and (to 2	Range of Pegu polygon - Similar between paralles - Description - Pegu polygon - Pegu polygon - Pegu polygon - Pegu paralles - Pegu polygon -	triangles, squares, rectangles, parallelograms, other quadrilaterals, pentagons, hexagon heptagons, octagons arities and difference een rectangles and lelograms  s of shapes  ribe, sort and compact hapes in terms of number of sides length of sides size of angles  vacute right obtuse straight reflex revolution  ractivities  2-D shapes on grid r circles, patterns in s and patterns with s using a pair of passes  gnize and name the ving angles in 2-D	3,	Refer to 3-D object symmetriand/or retranslation patterns  - in - fr e - fr h  Enlarger reduction  Draw e reduction to communication shape	enlargement and ons of 2-D shapes pare size and	PROPERTIES OF 3-D OBJECTS  Range of objects  Recognize, visualize and name 3-D objects in the environment and geometric settings, focusing on:  rectangular prisms  cubes  tetrahedrons  pyramids  similarities and differences between tetrahedrons and other pyramids  Characteristics of objects  Describe, sort and compare 3-D objects in terms of:  number and shape of faces  number of vertices  number of edges  Further activities  Make 3-D models using:  drinking straws, toothpicks etc.  nets	or measuring  Measurement of Continue to fix and irregular shapes by congrids Develop rules areas of squareas of s	meter using rulers tapes of area and areas of regular unting squares on a for calculating the ares and rectangles of volume and volume/capacity packing or filling anderstanding of the object of the	CAPACITY AND VOLUME  Practical Measuring  • Estimate and practically measure 3-D objects using measuring instruments such as:  — measuring spoons  — measuring cups, — measuring jugs  • Record, compare and order capacity and volume of 3D objects in millilitres (ml), litres (l) and kilolitres (kl)  Calculations and problem- solving  • Solve problems in contexts involving capacity/volume  • Convert between kilolitres, litres and millilitres to include fraction and decimal forms (to 2 decimal places)	REVISION	FORMAL ASSESSMENT TASK  TEST  All topics		

Prerequisite skill or pre-knowledge	Estimating, measuring, recording, comparing and ordering length Use Measuring instruments: Units of length: Solve problems in contexts Conversions limited to whole numbers and common fractions		2D shapes Symmetry	Similarities and differences between cubes and rectangular prisms Describe, sort and compare 3-D objects in terms of: - shape of faces - number of faces - flat and curved surfaces			
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N.B. BY THE END OF TERM 3, LEARNERS SHOULD HAVE COMPLETED A PROJECT AND A TEST. SEE NOTES ON PROJECT FROM ABRIDGED SECTION 4 OF CAPS.

TERM 4	Week 1	Week 2 5 days		Week 3 5 days	Week 4	Week 5	Week 6 5 days	Week 7 5 days	Week 8 5 days	Week 9 5 days	Week 10 3 days
Hours per	4 days	-		6 hrs.	5 days:	5 days	-			-	-
week	5 hrs.	6 hrs.			6 hrs.	6 hrs.	6 hrs. 6 hrs.		6 hrs.	6 hrs.	3 hrs.
Hours per topic	6 hr	6 hrs. 6 hrs.		12 hr	12 hrs.		12 hrs.		6 hrs	3 hrs.	
Prerequisite skill or pre-knowledge	D objects using m instruments such – bathroom sca and digital);	etically measure 3- leasuring as: leas (analogue and and order mass is (g) and roblem-solving a contexts  grams and de fraction and 2 decimal places)	24-hour formats of digital instruments	ite time in 12-hour and in both analogue and in both analogue and in:  ude clocks, watches and in contexts involving maps and calculating based on time zones in intervals where time is ind/or minutes; d/or hours for days in weeks and/or months	representation  - bar graphs and  Analysing, interpreting data  • Critically read and intrepresented in:  - words  - pictographs  - bar graphs  - double bar grate  - pie charts  • Analyse data by answerelated to:  - data categories intervals  - data sources at the commedian of the comment of the comm	d tables for Innaires (yes/no Inlest group to INERS WITH E  The phs to display and ng: In many-to-one Is double bar graphs It gand reporting Iterpret data  The phs Iterpret data  The	<ul> <li>fractions, and equal</li> <li>comparing quantities (ratio)</li> <li>comparing different k</li> </ul>	o solve contexts and ding: contexts nent contexts including grouping	REVISION	т	ESSMENT TASK EST d Term 4 topics
	ordering mass	9 4.14		2 2. 22222470 yourd							

<ul> <li>Use Measuring</li> </ul>	Calculation of time intervals where time is given	<ul> <li>All operations with whole numbers,</li> </ul>		
instruments	in minutes or hours only	common fractions and decimal		
<ul> <li>Units of mass</li> </ul>		fractions		
<ul> <li>Solve problems in contexts</li> </ul>				
<ul> <li>Conversions limited to</li> </ul>				
whole numbers and				
common fractions				