

Gr 5 MATHS SYLLABUS

Term 1	Term 2	Term 3	Term 4
Module 1: Place Value, Addition, Subtraction	Module 4: Common Fractions	Module 6: Measurement	Module 9: Geometry
<ol style="list-style-type: none"> 1. Understand odd and even numbers 2. Do expanded notation up to 10 000 000 3. Recognize place values up to 100 000 000 4. Compare and order numbers 5. Round off to nearest 10 000 000 6. Complete patterns: forward & backwards up to 5 multiples of different numbers 7. Double or halve 5-digit numbers 8. Re-order into groups of 10 9. Add and subtract with up to 6-digit numbers 10. Estimate by rounding off 11. + and - mental maths of round numbers 12. Add & subtract with 5-digit numbers in the same sum 13. Sum of / difference / more / less sums 14. Word sums and problem solving 	<ol style="list-style-type: none"> 1. Conversions of: Proper-, improper- and mixed fractions 2. Simplify fractions 3. Find equivalent fractions 4. Count in fractional intervals 5. Compare fractions 6. Add and subtract with equal denominators 7. Add and subtract with unlike denominators 8. Add and subtract with mixed fractions 9. Do word sums with fractions in it 10. Find a fraction of a whole eg. $\frac{1}{3}$ of 24 11. Ascending & descending order 	<ol style="list-style-type: none"> 1. Understand and measure MASS (t,kg,g) LENGTH (km,m,cm,mm) and CAPACITY (kl,l,ml) 2. LENGTH: Convert from one unit to another 3. MASS: Convert from one unit to another 4. CAPACITY: Convert from one unit to another 5. Add & subtract (using dec. rules & conversions) 6. x and \div with wholes (using conversions) 7. Rounding off to larger unit 	<ol style="list-style-type: none"> 1. Name 2- and 3-dimensional shapes 2. Recognise parallel lines, intersections, rays, perpendicular lines, lines and line segments 3. Name triangles according to their sides - equilateral, isosceles, scalene 4. Name triangles according to their angles - acute, right, obtuse 5. Draw lines of symmetry 6. Perimeter of squares / rectangles, using the formula 7. Area of squares / rectangles, using the formula 8. Count faces, vertices and edges (3D shape) 9. Recognize radius and diameter on a circle 10. Write / read coordinates on a grid 11. Measure angles with a protractor 12. Draw angles with a protractor
Module 2: Multiplication	Module 5: Decimal Fractions	Module 7: Graphs & Data	
<ol style="list-style-type: none"> 1. Do mental maths up to 12 x 2. x with 10, 100, 1 000 3. x with round numbers eg. 20 x 300 4. x with 4-digit number at the top and 3-digit number at the bottom 5. Factor trees 6. Greatest Common Factors 7. Least Common Multiple 8. Estimate answers by rounding off 9. x in short method (show the thinking skill) 10. Do word sums and problem solving 	<ol style="list-style-type: none"> 1. Understand decimal place values 2. Conversions between fractions & decimals 3. Compare fractions & decimal fractions 4. Estimate and round off 5. + and - with decimals 6. Do word sums 7. Understand money sums 8. \div and x decimal fractions with wholes 9. \div and x by 10, 100, 1 000 10. Descending and ascending order 	<ol style="list-style-type: none"> 1. Complete bar graphs & pictographs 2. Interpret bar graphs & pictographs 3. Describe the data and make predictions 3. Use simple tables to represent data 4. Organize data in tallies 5. Data interpretation: Integration of previous modules 	
		Module 8: Time	
		<ol style="list-style-type: none"> 1. Convert and compare time units (sec, min, h, d, w) 2. Indicate the time on an analogue clock 3. Convert standard time into international time 4. Convert international time into standard time 5. Calculate length of time 6. Calculations: + and - (using conversions) 	
		Module 10: Problem Solving	
		<ol style="list-style-type: none"> 1. Use different strategies to solve problems. 	
Module 3: Division			
<ol style="list-style-type: none"> 1. Do mental maths up to \div 12 2. \div with 10, 100, 1 000 3. \div with round numbers eg. $320 \div 40$ 4. Estimate \div sums 5. Interpret remainders 			

6. \div by 2-digit divisor
7. Find averages
8. Order of operations
9. Sum of, difference, product of, quotient
10. Do word sums and problem solving