



**Pakistan Urdu School- Kingdom of Bahrain**

**Curriculum Implementation Plan for Maths Grade IV**

**Term – 1<sup>st</sup> [2018 – 2019 ]**

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency, Standards, Themes)	Total Periods
1	April	9/4/18	<b>Unit - 2: Numbers &amp; Arithmetic operations</b>	<b>• STANDARD -1Numbers &amp; Operations</b>	
			Numbers	<ul style="list-style-type: none"><li>Identify the place value of the digit up to 100 million</li><li>Expand the numbers.</li><li>Compare &amp; order the numbers</li></ul>	2
			Addition & subtraction	<ul style="list-style-type: none"><li>Add &amp; Subtract the numbers up to 6 digits</li></ul>	3
			Word Problems on addition/subtraction	<ul style="list-style-type: none"><li>add/sub large whole numbers;</li><li>Structured Problems on Addition / Subtraction</li></ul>	4
			Multiplication /division of large numbers with 2 digit numbers	<ul style="list-style-type: none"><li>Multiply/Divide large whole numbers;</li><li>Structured Problems on Multiply/Divide</li></ul>	5
				<b>Assessment Periods -2 periods</b>	<b>Total Periods = 14+2 = 16</b>

2	May	2/5/18	<b>Unit - 3: Factors and Multiples</b>	<b>STANDARD -1 Numbers &amp; Operations</b>	
			Divisibility Rule	<ul style="list-style-type: none"> <li>Identify the divisibility rules</li> <li>Use the divisibility Rules for 2, 3, 5 &amp; 10 .</li> </ul>	1
			Prime & Composite numbers (Definitions and identifications)	<ul style="list-style-type: none"> <li>describe characteristics of prime/ Composite numbers</li> <li>Differentiate Prime &amp; Composite numbers.</li> </ul>	3
			Factors & Multiples	<ul style="list-style-type: none"> <li>determine common multiples/ factors;</li> <li>differentiate Factors &amp; Multiples</li> </ul>	4
			HCF & LCM	<ul style="list-style-type: none"> <li>HCF and LCM by different methods</li> </ul>	6
				<b>Assessment Periods -2 periods</b>	<b>Total Periods = 14+2 = 16</b>

<b>3</b>	May	27/5/18	<b>Unit - 6: Measurements</b>	<b>Standard 3.Measurement &amp; Geometry</b>	
			Conversion	<ul style="list-style-type: none"> <li>• Conversions of Centimetres to metres to kilometres.</li> <li>• Addition of lengths measurements</li> </ul>	3
<b>4</b>	June	3/6/18	Unit – 8 : Geometry [Lines & Quadrilateral] Horizontal & Vertical Lines. Parallel & Non-Parallel Lines	<ul style="list-style-type: none"> <li>• describe representations of points/lines/line segments/rays/angles;</li> <li>• representations of lines illustrating parallelism/ perpendicularity</li> </ul>	5
				<b>Assessment Periods -2 periods</b>	<b>Total Periods = 8+2 = 10</b>
<b>5</b>	<b>August</b>	<b>28/08/18</b>		<b>Revision of First Term</b>	<b>4 Periods</b>
				<b>TOTAL</b>	<b>Total = 42+4 = 46 Periods</b>

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**Term – 2<sup>nd</sup>[ 2018 – 2019 ]**

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency, Standards, Themes)	Total Periods
1	September	23/9/18	Unit - 4: Fractions	<b>STANDARD -1 Numbers &amp; Operations</b>	
			Fraction	<ul style="list-style-type: none"> <li>Define and recognize types of Fractions</li> <li>Convert to Proper, Improper &amp; Mixed Fractions</li> </ul>	2
			Like & unlike fraction	<ul style="list-style-type: none"> <li>Recognize Like &amp; Unlike Fractions.</li> <li>Compare two unlike fractions by converting them to equivalent fractions with same denominator</li> </ul>	5
			Addition & Subtraction of fraction	<ul style="list-style-type: none"> <li>add/sub Fractions with Like and Unlike denominators</li> </ul>	5
			Multiply & Divide the Fractions	<ul style="list-style-type: none"> <li>Multiply fractions with whole numbers, Proper, Improper &amp; mixed fractions.</li> <li>Divide fractions with whole numbers, Proper, Improper &amp; mixed fractions</li> </ul>	5

				<b>Assessment Periods - 2 periods</b>	<b>Total Periods = 17+ 2 = 19</b>
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<b>2</b>	<b>October</b>	<b>(14/10/18)</b>	<b>Unit - 5: Decimal &amp; Fractions</b>	<b>STANDARD -1 Numbers &amp; Operations</b>	
			<b>Decimals</b>	<ul style="list-style-type: none"> <li>• Know a decimal number as alternative of fractions.</li> <li>• Recognize and Identify the place – value digits of decimal number.</li> </ul>	<b>1</b>
			<b>Conversion of Decimal number to fraction</b>	<ul style="list-style-type: none"> <li>• Convert a decimal fractions with denominators 10, 100 &amp; 1000.</li> </ul>	<b>2</b>
			<b>Addition/Subtraction of Decimal numbers</b>	<ul style="list-style-type: none"> <li>• Add/ Subtract Decimals by stacking the numbers with its place values.</li> </ul>	<b>4</b>
			<b>Multiplication / Division of Decimal Numbers</b>	<b>Multiply / Divide a Decimal by 10,100 &amp; 1000</b>	<b>5</b>
				<b>Assessment Periods -2 periods</b>	<b>Total</b>

					<b>Periods = 12+2 = 14</b>
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<b>3</b>	November	4/11/18	<b>Unit - 6: Measurements</b>	<b>Standard 3. Measurements &amp; Geometry</b>	
			Conversion	<ul style="list-style-type: none"> <li>• Conversions of grams to kilograms and Vice-Versa..</li> <li>• Addition / subtraction of weight measurements.</li> </ul>	4
<b>4</b>	November	11/11/18	<b>Unit – 8 : Geometry [Circle]</b>	<b>Standard 3. Measurements &amp; Geometry</b>	
			Define terms of a Circle Construct a circle with the given Radius.	<ul style="list-style-type: none"> <li>• Identify centre, Radius, diameter , circumference of a circle.</li> <li>• Draw a circle of a given radius using compass.</li> </ul>	4
<b>9</b>	<b>November</b>	<b>21/11/18</b>	<b>REVISION</b>	<b>Second term portion</b>	<b>4 Periods</b>

			<b>Total</b>		<b>Total = 41 + 4 = 45 Periods</b>
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**Curriculum Implementation Plan for Maths Grade IV**  
**Term – 3<sup>rd</sup> [ 2018 – 2019 ]**

No.	Month/Week	Starting Date	Topics from Textbook or Others (Specify Unit Titles and Numbers)	National Curriculum References (Competency, Standards, Themes)	Total Periods
1	December/ January	30/12/18	<b>6. Measurements</b>	<b>Standard 3. Measurements &amp; Geometry</b>	
			Conversion	<ul style="list-style-type: none"> <li>Read time in hours, minutes and seconds.</li> <li>Calculate time before and after.</li> <li>Convert to Seconds, Minutes, hours, months &amp; years.</li> </ul>	8
			Addition/Subtraction of Units of Time.	<ul style="list-style-type: none"> <li>Add/ subtract units of Time without carrying/borrowing.</li> </ul>	4
				Assessment Periods - 2 periods	Total Periods = 12+ 2 = 14
2	January	22/1/19	<b>Unit - 7: Geometry</b>	<b>Standard 3. Measurements &amp; Geometry</b>	
				<ul style="list-style-type: none"> <li>Define and understand the different types of Angles.</li> <li>Recognize an Angle and Identify Angles.</li> </ul>	5

			Unit - 8: Geometry Draw angles with different measurements using protractor.	<ul style="list-style-type: none"> <li>Draw an Angle with vertex(o) and arms(OA &amp; OB) to recognize the notation AOB.</li> </ul>	7
				<b>Assessment Periods - 2 periods</b>	<b>Total Periods = 12+ 2 = 14</b>

<b>3</b>	February	13/2/19	Unit – 7: Measurements [Capacity]	<b>Standard 3. Measurements &amp; Geometry</b>	
			Units of Capacity and Its Conversions. Addition / Subtractions with respective to its Units.	<ul style="list-style-type: none"> <li>Conversions of Millilitres to Litres and Vice-Versa..</li> <li>Addition / subtraction of Capacity measurements.</li> </ul>	6
				Assessment = 1 periods	Total = 6 + 1 = 7
<b>4</b>	February	24/2/19	<b>Unit - 9: Information Handling</b>	<b>Standard4.Information Handling</b>	
			Graphs	<ul style="list-style-type: none"> <li>Definition and different types of Graph.</li> <li>Read and Interpret simple Bar Graph with horizontal &amp; Vertical Bars.</li> </ul>	5
			Definition of Line Graphs and represent data in Line Graph.	<ul style="list-style-type: none"> <li>Read and Interpret simple line Graph .</li> </ul>	1



				<b>Assessment = 1</b>	<b>Total = 6+1 = 7</b>
<b>7</b>	<b>March</b>	<b>03/03/19</b>	<b>REVISION</b>	<b>Third Term Portion</b>	<b>5Periods</b>
				<b>TOTAL</b>	<b>42 + 5 = 47 periods</b>