



<b>Level:</b>	<b>Secondary Two</b>	<b>Topic:</b>	<b>Lesson Plan 2016</b>
<b>Subject:</b>	<b>Mathematics</b>	<b>Teacher:</b>	<b>Mr Hamdan</b>

In the name of Allah, most Gracious, most Compassionate

<u>Week</u>	<u>Topics</u>	<u>Materials</u>	<u>Remarks</u>
<p><b>T1-Week 2</b></p> <p><b>T1-Week 3</b></p>	<p><b><u>Chapter 13: Simple Algebraic Fractions and Solving of Equations</u></b></p> <p>1. Algebraic Fractions</p> <ul style="list-style-type: none"> <li>➤ Reduce to Form a Linear Equation</li> <li>➤ Solving</li> <li>➤ Multiple Fractions Into 1 Fraction</li> </ul> <p>2. Solving of Equation</p> <ul style="list-style-type: none"> <li>➤ Linear Equation in One Unknown</li> </ul> <p>3. Word Problems</p> <ul style="list-style-type: none"> <li>➤ Forming Algebraic Fractions</li> <li>➤ Speed, Shapes and Algebra</li> </ul>		
<p><b>T1-Week 4</b></p>	<p><b><u>Chapter 14: Linear Equations in Two Unknowns (Simultaneous Equations)</u></b></p> <p>1. Forming Simultaneous Equation</p> <ul style="list-style-type: none"> <li>➤ Real World Context</li> <li>➤ Form Two Equations</li> </ul> <p>2. Solving Simultaneous Equation</p> <ul style="list-style-type: none"> <li>➤ Substitution</li> <li>➤ Elimination</li> <li>➤ Graphical</li> </ul>		
<p><b>T1-Week 6</b></p>	<p><b><u>Chapter 15: Linear Inequalities</u></b></p> <p>1. Linear Inequalities</p> <ul style="list-style-type: none"> <li>➤ Understanding the Symbols</li> <li>➤ Solving Linear</li> <li>➤ Solving Fractional</li> <li>➤ Solving 2 Linear Equations</li> </ul> <p>2. Drawing the Number Line</p>		



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<u>Week</u>	<u>Topics</u>	<u>Materials</u>	<u>Remarks</u>
<b>T1-Week 8</b>	<b><u>Chapter 16: Pythagoras Theorem</u></b> 1. Pythagoras Theorem <ul style="list-style-type: none"> <li>➤ Formation</li> <li>➤ Proofing</li> <li>➤ Solving</li> </ul>		
<b>T1-Week 9</b>	<b><u>Revision</u></b> <b><u>Chapter 1: Factors And Multiples</u></b> <b><u>Chapter 2: Real Numbers</u></b>		
<b>T1-Week 10</b>	<b><u>Continual Assessment 1</u></b>		<b>Chapter 13 - 16</b>
<b>T2-Week 1</b>	<b><u>Chapter 17: Perimeter and Areas of Plane Figures</u></b> 1. Area & Perimeter <ul style="list-style-type: none"> <li>➤ Trapezium , Parallelogram, Rhombus</li> <li>➤ Circle, Triangle, Square, Rectangle</li> <li>➤ Drawing of the Plane Figures</li> </ul>		
<b>T2-Week 2</b>	2. Problems Involving Area & Perimeter <ul style="list-style-type: none"> <li>➤ Applying the difference</li> <li>➤ Recasting a Plane Figure</li> <li>➤ Conversion of units</li> <li>➤ Real World Situations</li> </ul>		
<b>T2-Week 3</b>	<b><u>Chapter 18: Volume and Surface Areas of Prism and Cylinder</u></b> 1. Prism <ul style="list-style-type: none"> <li>➤ Formation of Prism</li> <li>➤ Different Types of Prism</li> <li>➤ Generic Formula for Volume</li> <li>➤ Finding Volume</li> <li>➤ Finding Surface Area</li> </ul>		
<b>T2-Week 4</b>	2. Cylinder <ul style="list-style-type: none"> <li>➤ Finding Volume</li> <li>➤ Finding Surface Area</li> </ul>		



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<u>Week</u>	<u>Topics</u>	<u>Materials</u>	<u>Remarks</u>
T2-Week 5	<u>Revision</u> <b>Chapter 3: Approximation and Estimation</b> <b>Chapter 4: Rate, Ratio and Speed</b> <b>Chapter 5: Proportion (Direct, Indirect and Map Scales)</b> <b>Chapter 6: Percentage</b> <b>Chapter 7: Practical Mathematics</b>		
T2-Week 9	<u>Mid Year Examination</u>		<b>Chapter 1 – 7</b> <b>Chapter 13 - 18</b>
T3-Week 0	<u>Chapter 19: Mensuration of Pyramids, Cones and Spheres</u> <b>1. Pyramids</b> <ul style="list-style-type: none"> <li>➤ Formation of Pyramids</li> <li>➤ Different Types of Pyramids</li> <li>➤ Finding Volume</li> <li>➤ Finding Surface Area</li> </ul>		
T3-Week 1	<b>2. Cones</b> <ul style="list-style-type: none"> <li>➤ Finding Volume</li> <li>➤ Finding Surface Area</li> </ul>		
T3-Week 4	<b>3. Spheres &amp; Hemispheres</b> <ul style="list-style-type: none"> <li>➤ Finding Volume</li> <li>➤ Finding Surface Area</li> </ul>		
T3-Week 4	<b>4. Real Life Context</b> <ul style="list-style-type: none"> <li>➤ Real Life Problems Measuring Volume</li> <li>➤ Real Life Problems Measuring Area</li> </ul>		
T3-Week 5	<u>Chapter 20: Arc Length and Area of Sector, Radian Measure</u> <b>1. Arc Length</b> <ul style="list-style-type: none"> <li>➤ Knowledge Between Circumference of Circle and Arc Length</li> <li>➤ Applying Formula</li> </ul>		
T3-Week 6	<b>2. Area of Sector</b> <ul style="list-style-type: none"> <li>➤ Knowledge Between Area of Circle and Area of Sector</li> <li>➤ Applying Formula</li> </ul>		



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<u>Week</u>	<u>Topics</u>	<u>Materials</u>	<u>Remarks</u>
T3-Week 7	<b><u>Chapter 20: Arc Length and Area of Sector, Radian Measure</u></b> 3. Segment <ul style="list-style-type: none"> <li>➤ Finding and Understanding Segment</li> <li>➤ Different Ways to Find Area of Segment</li> </ul> 4. Radian & Angle <ul style="list-style-type: none"> <li>➤ Conversion</li> <li>➤ Using Radian to Find Area of Sector and Arc Length</li> <li>➤ Applying Formula</li> </ul>		
T3-Week 8			
T3-Week 9	<b><u>Chapter 20: Properties of Circle</u></b> 1. Symmetry Properties of Circle 2. Angle Properties of Circle <ul style="list-style-type: none"> <li>➤ Touching Centre of Circle</li> <li>➤ Not Touching Centre of Circle</li> </ul>		
T3-Week 10			
T3-Week 10	<b><u>Continual Assessment 2</u></b>		<b>Chapter 8 - 10</b>
T4-Week 1	<b><u>Revision</u></b> <b>Chapter 8: Intro to Algebra, Algebraic Equations and Simple Inequalities</b> <b>Chapter 9: Algebraic Manipulation, Expansion and Factorisation</b> <b>Chapter 10: Angles and Parallel Lines Geometrical Constructions</b> <b>Chapter 11: Triangles and Polygons</b> <b>Chapter 12: Coordinates and Linear Graphs</b>		
T4-Week 5	<b><u>Revision End Year Examination</u></b>		
T4-Week 7 T4-Week 8	<b><u>End Year Examination</u></b>		<b>Chapter 1 - 20</b>



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Total no. of periods in term 1: **periods**

Total no. of periods in term 2: **periods**

Total no. of periods in term 3: **periods**

Total no. of periods in term 4: **periods**

**The End. Alhamdulillah.**