



<b>Level:</b>	<b>Secondary Four</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><u>Chapter 1: Vectors</u></b></p> <ol style="list-style-type: none"> <li>1. Understanding Vector               <ul style="list-style-type: none"> <li>➤ Formation of Vector Diagram</li> <li>➤ Directions in Resultant Vector</li> <li>➤ Position Vectors</li> <li>➤ Forming an Equation With Vector</li> </ul> </li> <li>2. Solving a Vector Questions               <ul style="list-style-type: none"> <li>➤ Fractional Vector</li> <li>➤ Scalar Vector</li> <li>➤ Ratio in Vector</li> <li>➤ Magnitude of a Vector</li> </ul> </li> <li>3. Comparison Between Vectors               <ul style="list-style-type: none"> <li>➤ Sum and Difference of Two Vectors</li> <li>➤ Ratio Lengths &amp; Areas</li> <li>➤ Similarity of Figures</li> <li>➤ Ratio of Areas in 2 Dimension</li> </ul> </li> </ol>		
	<p><b><u>Chapter 2: Probability</u></b></p> <ol style="list-style-type: none"> <li>1. Understanding the Use of Probability in Real World Context</li> <li>2. Different Types of Probability               <ul style="list-style-type: none"> <li>➤ Fixed Objects</li> <li>➤ Humans</li> <li>➤ Situation</li> <li>➤ Games / Lucky Draw / Dice</li> </ul> </li> <li>3. Drawing               <ul style="list-style-type: none"> <li>➤ Tree Diagrams</li> <li>➤ Possibility Diagrams</li> <li>➤ Options in Diagram Presentation</li> </ul> </li> <li>4. Application of Probability               <ul style="list-style-type: none"> <li>➤ Addition and Multiplication</li> <li>➤ Outcomes</li> <li>➤ Understanding the Various Key Words</li> <li>➤ Order of Operations</li> <li>➤ Real Life Application</li> </ul> </li> </ol>		



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<u>Week</u>	<u>Topics</u>	<u>Materials</u>	<u>Remarks</u>
	<p><b><u>Chapter 3: Set Language and Notation</u></b></p> <p>1. Set Language &amp; Notation</p> <ul style="list-style-type: none"> <li>➤ Understanding the symbols</li> <li>➤ Recall the Various Real Number Categories</li> <li>➤ Etiquettes of Sets Language</li> </ul> <p>2. Venn Diagrams</p> <ul style="list-style-type: none"> <li>➤ Drawing</li> <li>➤ Identifying and Shading</li> </ul>		
	<p><b><u>Chapter 4: Number Pattern</u></b></p> <p>1. Recognising the Nth Term</p> <ul style="list-style-type: none"> <li>➤ Identifying the pattern</li> <li>➤ Deriving a Formula</li> <li>➤ Applying the Nth Term</li> <li>➤</li> </ul>		
	<p><b><u>Chapter 5: Real World Context</u></b></p> <p>1. Work in Progress</p> <ul style="list-style-type: none"> <li>➤ Fractions and Decimals as Percentage</li> <li>➤ Vice- Versa</li> </ul> <p>2. Percentage</p> <ul style="list-style-type: none"> <li>➤ Comparing Two Quantities</li> <li>➤ Word Problems Involving Percentage</li> <li>➤ Percentage Increase And Decrease</li> <li>➤ Reverse Percentage</li> </ul>		

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

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

**The End. Alhamdulillah.**