



Level:	Secondary One	Topic:	Lesson Plan 2016
Subject:	Chemistry & Biology	Teacher:	Mr Hamdan

In the name of Allah, most Gracious, most Compassionate

<u>Week</u>	<u>Topics</u>	<u>Materials</u>	<u>Remarks</u>
	<p><u>Chapter 1: Kinetic Particle Theory</u></p> <ol style="list-style-type: none">Three different states of matter<ul style="list-style-type: none">➤ Properties➤ Kinetic Particle Model➤ Kinetic Particle TheoryChanges of states<ul style="list-style-type: none">➤ Name of process➤ Changes of kinetic particle theory		
	<p><u>Chapter 2: Element, Compound & Mixture</u></p> <ol style="list-style-type: none">Introduction to atoms and moleculesElements (Definition)<ul style="list-style-type: none">➤ Monatomic & diatomic (Chemical Symbol)➤ Elements in Periodic Table (Metals / Non-metals)➤ Characteristics/Properties of elementCompound (Definition)<ul style="list-style-type: none">➤ How they are formed➤ Identifying a compound➤ Different types of compound➤ Special compounds➤ Characteristics of compoundMixture<ul style="list-style-type: none">➤ How they are formed➤ Identifying a mixture➤ Characteristics of mixtureDrawing of atoms and moleculesDiscuss the difference between compound and mixture		



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	<p><u>Chapter 3: Atomic Structure</u></p> <ol style="list-style-type: none"> Composition of atom <ul style="list-style-type: none"> Includes parts, mass, charge, location, and drawing How composition affect location in Periodic Table Understand the formation of proton number, nucleon number and mass number Interpret the Periodic Table and see how it leads to the arrangement of the Periodic Table Relationship between isotopes and diatomic element <ul style="list-style-type: none"> Definition of isotopes The different symbol of isotopes Drawing of nucleus of isotopes Electrons <ul style="list-style-type: none"> Configuration Arrangement and structure Valence electrons Energy level Atoms Vs Ions <ul style="list-style-type: none"> Formation of ions Understand how it forms Difference in drawing atom vs. ion Emphasizing the electrons difference 		
	<u>Continual Assessment 1</u>		



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	<p><u>Chapter 4: Experimental Design</u></p> <p>1. Apparatus</p> <ul style="list-style-type: none"> ➤ Name appropriate apparatus for measurement ➤ Suggest suitable apparatus given relevant information ➤ Drawing of apparatus 		
	<p><u>Chapter 5: Separation Techniques</u></p> <p>1. Different methods of separation</p> <ul style="list-style-type: none"> ➤ Drawings & understanding of parts of the apparatus ➤ Objectives of using a using the technique ➤ Process <p>2. Identities of substances and purity</p>		
	<u>Chapter 6: Cell Structure & Organisation</u>		Vendor
	<u>Chapter 7: Movement of Substances</u>		Vendor
	<u>Revision For Mid Year Examination</u>		Chapter 1 - 5
	<u>Mid Year Examination</u>		Chapter 1 – 7 Term 1 & 2

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

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

The End. Alhamdulillah.