

## S2 CHEMISTRY SCHEME OF WORK 2021-2022

Academic year: 2021-2022 Term: I,II & III School:..... Subject: CHEMISTRY

Subject leader's name: ..... Class : S2 Number of period per week: 4

Dates & number of week	Units	Lessons and evaluation	Learning objectives & key units competences	Teaching methods & techniques and evaluation procedures	Resources and references	Observation
Week 1 11- 15/10/2021	Unit 1: CHEMICAL BONDING.	<p><b>Lesson title1</b> Stability of atoms by losing ,gaining and sharing electrons(formation of ionic compound )</p> <p><b>Lesson title 2</b> Covalent bonding</p> <p><b>Lesson title3</b> Metallic bonding</p>	<p><b>Knowledge and understanding:</b></p> <ul style="list-style-type: none"> <li>- Explain the nature of ionic, covalent and metallic bonding.</li> <li>- State the typical physical properties of ionic compounds, and of covalent compounds.</li> <li>- Explain the physical properties of metals in terms of their structure</li> </ul> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>- Show the formation of bonds using dot and cross diagrams.</li> <li>- Classify various chemical compounds as ionic or covalent.</li> <li>- Perform experiments to show</li> </ul>	<ul style="list-style-type: none"> <li>- In groups, perform exercises on the formation of ions from atoms.</li> <li>- Discussion in group and make a presentation.</li> <li>- Group work</li> <li>- Carry out experiments which illustrate the physical properties of ionic and covalent compounds:</li> <li>o Solubility</li> </ul>	<p>CBC S2 STUDENTS BOOK for REB. Teaching guide &amp; New chemistry for O L</p> <p>Internet</p>	

			<p>the physical properties of metals, ionic compounds and covalent</p> <p><b>Attitudes and values:</b></p> <ul style="list-style-type: none"> <li>– Develop a sense of orderliness and self-confidence in presentations of results.</li> <li>– Respect the procedures while carrying out experiments.</li> </ul>	<p>using computer and projector</p>		
<b>Week2</b> <b>18-</b> <b>22/10/21</b>		<b>Summative evaluation 1</b>	<p><b>Key unit competency:</b> To be able to relate the nature of bonding to properties of substances.</p>	<p><b>Evaluation procedures:</b> (oral, written, practical, ...)</p>		
<b>Week3</b> <b>25-</b> <b>29/10/21</b>	<b>Unit 2: TRENDS IN PROPERTIES OF ELEMENTS IN THE PERIODIC TABLE.</b>	<p><b>Lesson title1:</b> Classification of elements into metals, metalloids and non-metals.</p> <p><b>Lesson title2:</b> Physical properties of metals and non-metals.</p> <p><b>Lesson title3:</b> Trends in reactivity for metals and non-metals</p>	<p><b>Knowledge and understanding:</b></p> <ul style="list-style-type: none"> <li>-Describe trends in reactive elements with acids, water, and halogens.</li> <li>-Explain the trends in the physical properties across a period and down a group.</li> </ul> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>-Classify elements into metals, metalloids and</li> </ul>	<ul style="list-style-type: none"> <li>-Group discussion</li> <li>-Observation in groups</li> <li>-Research from library or internet</li> <li>-Project work</li> <li>Watching video <ul style="list-style-type: none"> <li>- Making report</li> <li>- Exercises in group</li> <li>- Internet research</li> </ul> </li> </ul>	<p>CBC S2 STUDENTS BOOK for REB. Teacher guide &amp; New chemistry for O L</p>	

<b>Week 4</b> <b>1-5/11/21</b>	<b>Lesson title 4 :</b> Chemical properties (reaction with water, acids and halogens).	<p>non-metals.</p> <p>-Compare and contrast the physical properties of metals and non-metals using simple experiments.</p> <p>-Compare the reactivity of metals across the period and down the group with the help of simple experiments.</p> <p><b>Attitudes and values:</b></p> <ul style="list-style-type: none"> <li>– Respect the procedures during practical activities.</li> <li>– Develop teamwork in group activities.</li> </ul>	<ul style="list-style-type: none"> <li>- Carrying out experiment And making lab report</li> </ul>	Internet	
	<b>Summative evaluation 2</b>	<p><b>Key unit competency:</b> To be able to describe the trends and patterns in properties of elements in groups and periods.</p>	<p><b>Evaluation procedures:</b> (oral, written, practical, ...)</p>		
<b>Week 5</b> <b>8-12/11/21</b>	<b>Unit 3: WATER POLLUTION.</b>	<p><b>Lesson title 1:</b> Definition of water pollution and Main water pollutants</p> <p><b>Lesson title 2:</b> Dangers of polluted water</p> <p><b>Lesson title 3:</b> Prevention of water pollution</p>	<p><b>Knowledge and understanding:</b></p> <ul style="list-style-type: none"> <li>– Define water pollution.</li> <li>– Identify the main water pollutants.</li> <li>– Describe the dangers of polluted water.</li> </ul> <p>-Suggest the ways of</p>	<p><b>Research work</b> <b>Presentation</b> <b>Field visit of water body, making report</b> <b>Carrying out the experiments</b> <b>Group work</b></p>	<p>CBC S2 STUDENTS BOOK for REB.</p> <p>Teaching guide &amp; New chemistry for O L</p>

			<p>preventing water pollution</p> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>– Develop research skills</li> </ul> <p>Evaluate ways of minimising pollution.</p> <p><b>Attitudes and values:</b></p> <ul style="list-style-type: none"> <li>– Develop awareness of the dangers of polluted water.</li> </ul>		Internet	
<b>Week 6</b> <b>15-19/11/21</b>		<b>Summative evaluation3</b>	<p><b>Key unit competency:</b> To be able to assess the causes and effects of water pollution and suggest ways of control.</p>	<p><b>Evaluation procedures:</b> (oral, written, practical, ...)</p>		
<b>Week 7</b> <b>22-26/11/21</b>	<b>Unit 4: EFFECTIVE WAYS OF WASTE MANAGEMENT.</b>	<p><b>Lesson title 1:</b> Steps to effective waste management</p> <p><b>Lesson title 2:</b> Importance and benefits of waste recycling</p> <p><b>Lesson title 3:</b> Effects of waste and poor disposal.</p>	<p><b>Knowledge and understanding:</b></p> <ul style="list-style-type: none"> <li>– Describe the steps involved in effective waste management.</li> <li>– Explain the importance and benefits of waste recycling.</li> <li>– Discuss the various effects of waste materials and poor waste disposal.</li> </ul> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>– Make some useful materials from waste.</li> </ul> <p><b>Attitudes and values:</b></p> <ul style="list-style-type: none"> <li>– Develop a sense of</li> </ul>	<ul style="list-style-type: none"> <li>– Group work and discussion and make presentation.</li> <li>– Research how to make useful products from waste (like fertilisers, briquettes, ...)</li> </ul> <p>-Field visits and study tours to different industrial sites e.g. garbage pits, or biogas production</p>	CBC S2 students book Teacher guide  Internet	
<b>Week 8</b> <b>29/11-3/12/21</b>						

			<p>managing natural resources while discussing effective ways of waste management.</p> <ul style="list-style-type: none"> <li>– Develop teamwork and confidence in group activities and presentations.</li> </ul>	plants.		
Week 9 6-10/12/21		<b>Summative evaluation 4</b>	<p><b>Key unit competency:</b> To be able to transform waste materials into different useful materials e.g. fuel (briquettes) and fertilisers (composted manure).</p>	<p><b>Evaluation procedures:</b> (oral, written, practical)</p>		
Week 10 13- 17/12/21	<b>Exam of 1<sup>st</sup> term+ Supervision</b>					
Week 11 20- 24/12/21	<b>Correction of exams and making school reports</b>					
<b>SECOND TERM FROM (10 Jan-31 March 2022)</b>						
Dates & number of week	Units	Lessons and evaluation	Learning objectives & key units competences	Teaching methods & techniques and evaluation	Resources and references	Observation

				procedures		
<b>Week1</b> <b>10-14/1/22</b>	<b>Unit 5:</b> <b>CATEGORIES OF CHEMICAL REACTIONS.</b>	<b>Lesson title 1</b> <ul style="list-style-type: none"><li>– Types of reactions:<ul style="list-style-type: none"><li>○ Combination.</li><li>○ Decomposition.</li><li>○ Single replacement.</li><li>○ Double displacement (precipitation and neutralisation).</li><li>○ Combustion.</li></ul></li></ul>	<b>Knowledge and understanding:</b> <ul style="list-style-type: none"><li>– Explain the difference between a decomposition reaction and combination reaction.</li><li>– Explain single displacement, double displacement (precipitation and neutralisation) and combustion reactions.</li><li>– Write and balance ionic equations.</li></ul> <b>Skills:</b> <ul style="list-style-type: none"><li>– Apply the rules of balancing equations to write balanced chemical reactions.</li><li>– Carry out experiments to show precipitation reactions, and to differentiate endothermic and exothermic reactions</li><li>– Classify chemical reactions as endothermic and exothermic using simple experiments.</li></ul>	Carrying out different experiments	<b>New chemistry for ordinary level (S1,S2&amp;S3)</b>	
<b>Week2</b> <b>17-21/1/22</b>		<b>Lesson title 2</b> <ul style="list-style-type: none"><li>– Classification of chemical reactions as endothermic and exothermic reactions.</li></ul>		Perform many exercises	<b>CBC S2</b> students book	
<b>Week 3</b> <b>24-28/1/22</b>		<b>Lesson title 3</b> Ionic equations/rules of writing ionic equations.		Making lab report  Group presentation  Group work and discussion .	Teacher guide  Internet.	

			<ul style="list-style-type: none"> <li>– Properly use a thermometer to measure changes in temperature.</li> </ul> <p><b>Attitudes and values:</b></p> <ul style="list-style-type: none"> <li>– Develop a team spirit, sense of responsibility when performing experiments.</li> </ul>		
		<b>Summative evaluation 5</b>	<p><b>Key unit competency:</b> To be able to differentiate between the types of chemical reactions.</p>	<p><b>Evaluation procedures:</b> (oral, written, practical)</p>	
Week 4 31/1-4/2/22	<b>Unit 6:</b> PREPARATION OF SALTS AND IDENTIFICATION OF IONS.	<p><b>Lesson title 1</b></p> <ul style="list-style-type: none"> <li>– Definition of: <ul style="list-style-type: none"> <li>○ Solubility.</li> <li>○ Unsaturated.</li> <li>○ Saturated.</li> <li>○ Super saturated solutions.</li> </ul> </li> </ul> <p><b>Lesson title 2</b></p> <ul style="list-style-type: none"> <li>– Factors influencing solubility of different salts e.g temperature.</li> </ul> <p><b>Lesson title 3</b></p> <p><b>Different ways of preparing normal salts from reaction of:</b></p>	<p><b>Knowledge and understanding:</b></p> <ul style="list-style-type: none"> <li>– Define solubility.</li> <li>– Describe factors that affect solubility.</li> <li>– Explain the concept of unsaturated, saturated and supersaturated solutions.</li> <li>– Explain the solubility curves of different salt solutions.</li> <li>– Name the sources and</li> </ul>	<p>Carrying out different experiments</p> <p>Perform many exercises</p> <p>Making lab report</p> <p>Group presentation</p> <p>Group work and discussion .</p>	<p>New chemistry for ordinary level (S1,S2&amp;S3)</p> <p>CBC S2 students book Teacher guide</p>
Week 5 7-11/2/22					

		<ul style="list-style-type: none"> <li>-Acid with active metals.</li> <li>-Acids with carbonates and hydrogen carbonates.</li> <li>-Acids with metal oxides.</li> <li>-Acids with bases.</li> <li>-Precipitation and neutralization reactions.</li> <li>-Metal oxides with non-metal oxides and a base and non-metal oxides.</li> </ul>	<p>uses of salts in daily life.</p> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>– Prepare different soluble and insoluble salts using suitable chemicals.</li> <li>– Interpret solubility curves of different solutions.</li> <li>– Carry out experiments to show the effect of temperature on the solubility of different salts.</li> </ul> <p>Use solubility curves to determine the solubility of different salt solutions at different temperatures.</p> <p>Perform tests to identify cations and anions.</p> <p><b>Attitudes and values:</b></p> <ul style="list-style-type: none"> <li>– Develop a team spirit and sense of responsibility during experiments.</li> <li>– Appreciate the uses of salts in daily life such as</li> </ul>	<p>Research and make presentation of findings</p>	<p>Internet.</p>
<p><b>Week 6</b> <b>14-18/2/22</b></p>		<p><b>Lesson title 4</b></p> <p>Uses and sources of salts and Identification of cations &amp; anions. E.g.: <math>\text{Ca}^{2+}</math>, <math>\text{NH}_4^+</math>, <math>\text{Al}^{3+}</math>, <math>\text{Zn}^{2+}</math>, <math>\text{Mg}^{2+}</math>, <math>\text{Fe}^{2+}</math>, <math>\text{Cl}^-</math>, <math>\text{CO}_3^{2-}</math>, <math>\text{SO}_4^{2-}</math>, <math>\text{Fe}^{3+}</math>, <math>\text{NO}_3^-</math>, <math>\text{Cu}^{2+}</math>, <math>\text{SO}_3^{2-}</math></p>			

<p><b>Week 7</b> <b>21-25/2/22</b></p>		<p><b>Summative evaluation 6</b></p>	<p>sodium chloride as a table salt. <b>Key unit competency:</b> To be able to prepare a salt from suitable starting materials and identify cations and anions in a solution.</p>	<p><b>Evaluation procedures:</b> (oral, written, practical)</p>		
<p><b>Week 8</b> <b>28/2-04/3/22</b></p>	<p><b>Unit 7: THE MOLE CONCEPT AND GAS LAWS.</b></p>	<p><b>Lesson title 1:</b> – Avogadro number and the mole concept and Calculation of the number of moles. <b>Lesson title 2:</b> – Definition of relative atomic mass. – Definition and calculation of relative molecular mass. <b>Lesson title 3:</b> – Definition and calculation of relative formula mass and Calculation of molar mass.</p>	<p><b>Knowledge and understanding:</b> – Explain the mole concept. – Explain the concepts of: relative atomic mass, relative formula mass, relative molecular mass, molar mass, empirical and molecular formulae. <b>Skills:</b> – Experimentally determine the mass composition of a compound using magnesium oxide as an example. – Calculate the molar masses of various substances and weigh out 1 mole of each.</p>	<p>Carrying out experiments Perform many exercises Group presentation Group work and discussion .</p>	<p>New chemistry for ordinary level (S1,S2&amp;S3)</p>	
<p><b>Week 9</b> <b>7-11/3/22</b></p>		<p><b>Lesson title4:</b> – Relationship between numbers of moles, mass and molar mass. <b>Lesson title5:</b></p>	<p>– Perform calculations involving empirical and molecular formulae.</p>		<p>CBC S2 students book Teacher guide Internet.</p>	

		<p>Calculation of mass percentage composition of an element in a compound.</p> <p><b>Lesson title 6:</b></p> <ul style="list-style-type: none"> <li>– Empirical and molecular formulae.</li> <li>– Stoichiometric calculations.</li> </ul>	<p><b>Attitudes and values:</b></p> <ul style="list-style-type: none"> <li>– teamwork approach in research, group activities and exercises.</li> <li>– Respect procedures while performing experiments.</li> </ul>		
<b>Week 10</b> <b>14-18/3</b>		<b>Summative evaluation 7</b>	<p><b>Key unit competency:</b> To be able to determine the composition of compounds by mass, volume and number of moles</p>	<p><b>Evaluation procedures:</b> <b>(oral, written, practical)</b></p>	
<b>Week 11</b> <b>21-25/3/22</b>	<b>Second term exam and supervision of exam</b>				
<b>Week 12</b> <b>28-31/3/22</b>	<b>Correction of second term and making school report.</b>				

### THIRD TERM FROM (18 Apr-15 July 2022)

<b>Week 1</b> <b>18-22/4/22</b>	<p><b>Unit 7: THE MOLE CONCEPT AND GAS LAWS.</b></p>	<p><b>Lesson title 7:</b></p> <ul style="list-style-type: none"> <li>– Limiting reactants.</li> </ul> <p><b>Lesson title 8:</b></p> <ul style="list-style-type: none"> <li>– Gas laws (Gay-Lussac, Charles' law, Boyle's law and the ideal gas law, Grahams' law of diffusion) and perform</li> </ul>	<p><b>Knowledge and understanding:</b></p> <ul style="list-style-type: none"> <li>– Explain the concepts of: limiting reactant.</li> <li>– State the gas laws: Gay-Lussac, Charles' law, Boyle's law and the ideal gas law, Grahams' law of diffusion.</li> </ul> <p><b>Skills:</b></p>	<p>Perform many exercises</p> <p>Group presentation</p> <p>Group work and</p>	<p>New chemistry for ordinary level (S1,S2&amp;S3)</p> <p>CBC S2 students book Teacher guide</p>
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		simple calculations on gas laws.	- Apply the gas laws to calculate the volume, temperature and pressure of gases, and molecular weight of gases.	discussion .	Internet.	
<b>Week 2</b> <b>25-29/4/22</b>		<b>Lesson title 9:</b> Calculation of molar gas volume under standard conditions.	<b>Attitudes and values:</b> Appreciate the work done by different personalities in the formulation of gas laws e.g. Gay- Lussac, Charles, Boyle, and Graham.			
		<b>Summative evaluation 7</b>	<b>Key unit competency:</b> To be able to determine the composition of compounds by mass, volume and number of moles	<b>Evaluation procedures:</b> <b>(oral, written, practical)</b>		

<p><b>Week 3</b> <b>2-6/5/22</b></p>	<p><b>Unit 8:</b> <b>PREPARATION AND CLASSIFICATION OF OXIDES.</b></p>	<p><b>Lesson title 1</b> – Preparation of oxides from: ○ Direct combination of an element with oxygen.</p> <p><b>Lesson title 2</b> ○ Thermal decomposition of hydroxides, carbonates and nitrates.</p>	<p><b>Knowledge and understanding:</b></p> <ul style="list-style-type: none"> <li>– Categorise different oxides.</li> <li>– Explain how different oxides are formed.</li> <li>– State the uses of different oxides.</li> <li>– Describe the reaction of oxides with other substances.</li> <li>– Describe the process of producing slaked lime.</li> </ul> <p><b>Skills:</b></p>	<p>Carrying out experiments</p>	<p>New chemistry for ordinary level (S1,S2&amp;S3)</p>
<p><b>Week4</b> <b>9-13/5/22</b></p>	<p>them based on their properties.</p>	<p><b>Lesson title3</b> – Reactions of oxides with water, acids and bases</p> <p><b>Lesson title 4</b> – Classification of oxides as acidic, basic, neutral and amphoteric oxides.</p> <p><b>Lesson title 5</b> Uses and production of slaked lime(ishwagara).</p>	<p>– Experimentally prepare different oxides from elements and compounds</p> <p>– Test the properties of oxides prepared in the laboratory.</p> <p>- Classify oxides into alkaline, acidic, amphoteric and neutral.</p> <p><b>Attitudes and values:</b></p> <ul style="list-style-type: none"> <li>– Develop a team approach and a sense of responsibility in group activities.</li> <li>– Respect for the procedures while</li> </ul>	<p>Perform many exercises</p> <p>Group presentation</p> <p>Group work and discussion .</p>	<p>CBC S2 students book Teacher guide</p> <p>Internet.</p>

			<p>performing experiments.</p> <ul style="list-style-type: none"> <li>– Care about harmful oxides like sulphur dioxide and nitrogen dioxide, during experiments</li> </ul>			
<b>Week 5</b> <b>16-20/5/22</b>		<b>Summative evaluation 8</b>	<p><b>Key unit competency:</b> To be able to prepare oxides and classify them based on their properties.</p>	<b>Evaluation procedures:</b> (oral, written, practical)		
<b>Week 6</b> <b>23-27/5/22</b>	<b>Unit 9:</b> <b>ELECTROLYTES AND NON-ELECTROLYTES.</b>	<p><b>Lesson title 1</b></p> <ul style="list-style-type: none"> <li>– Definition of electrolyte and non-electrolyte.</li> </ul> <p><b>Lesson title 2</b></p> <ul style="list-style-type: none"> <li>– Definition of electrolysis.</li> </ul>	<p><b>Knowledge and understanding:</b></p> <ul style="list-style-type: none"> <li>– Define an electrolyte and a non-electrolyte.</li> <li>– Give examples of weak and strong electrolytes and non-electrolytes.</li> <li>– State applications of electrolytes in daily life.</li> </ul> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>– Carry out experiments to distinguish between electrolytes and non-electrolytes.</li> <li>– Carry out experiments to classify solutions as strong electrolytes, weak</li> </ul>	Group work	New chemistry for ordinary level (S1, S2 & S3)	
<b>Week 7</b> <b>30/5-3/6/22</b>		<p><b>Lesson title 3</b></p> <ul style="list-style-type: none"> <li>– Strong and weak electrolyte and examples (e.g. mineral acids and organic acids respectively).</li> </ul> <p><b>Lesson title 4</b></p> <ul style="list-style-type: none"> <li>– Conductivity of electricity by electrolytes.</li> </ul>		<p>Research making</p> <p>Carry out experiment</p> <p>Group presentation</p>	CBC S2 students book Teacher guide Internet.	

<b>Week 8</b> <b>6-10/6/22</b>		<b>Lesson title 5</b> Applications of electrolytes in daily life e.g. Leclanché cell (dry cell) and car batteries.	electrolytes or non-electrolytes. <b>Attitudes and values:</b> <ul style="list-style-type: none"> <li>– Develop an awareness of safety issues when carrying out experiments.</li> <li>– Appreciate the importance of electrolytes in daily life like sulphuric acid in a car battery.</li> </ul>		
		<b>Summative evaluation 9</b>	<b>Key unit competency:</b> To be able to distinguish between non-electrolytes, weak electrolytes and strong electrolytes.	<b>Evaluation procedures:</b> (oral, written, practical)	
<b>Week 9</b> <b>13-17/6/22</b>	<b>Unit 10:</b> <b>PROPERTIES OF ORGANIC COMPOUNDS AND USES OF ALKANES.</b>	<b>Lesson title 1</b> <ul style="list-style-type: none"> <li>– Definition of organic chemistry.</li> </ul> <b>Lesson title 2</b> <ul style="list-style-type: none"> <li>– Differences between organic and inorganic chemistry.</li> </ul> <b>Lesson title 3</b> <ul style="list-style-type: none"> <li>– Occurrence of organic compounds.</li> </ul> <b>Lesson title 4</b> <ul style="list-style-type: none"> <li>– Homologous series.</li> </ul> <b>Lesson title 5</b>	<b>Knowledge and understanding:</b> <ul style="list-style-type: none"> <li>➤ Identify organic compounds and their origin.</li> <li>➤ Describe the physical and chemical properties of alkanes (methane).</li> <li>➤ State the uses of methane and some other alkanes.</li> <li>➤ Explain structural</li> </ul>	Group work  Research making  Carry out experiment  Group presentation  Perform many exercises	New chemistry for ordinary level (S1, S2 & S3)  CBC S2 students book Teacher guide

<p><b>Week 10</b> <b>20-24/6/22</b></p>	<ul style="list-style-type: none"> <li>General formulae and nomenclature of alkanes (from C<sub>1</sub>-C<sub>10</sub>).</li> </ul> <p><b>Lesson title 6</b></p> <ul style="list-style-type: none"> <li>Structural isomerism up to C<sub>4</sub>.</li> </ul> <p><b>Lesson title 7</b></p> <p>Physical properties of alkanes.</p> <p><b>Lesson title 8</b></p> <p>Chemical properties (reaction with halogens, combustion and thermal cracking).</p>	<p>isomerism.</p> <p><b>Skills:</b></p> <ul style="list-style-type: none"> <li>Use simple experiments to classify compounds into organic and inorganic.</li> <li>Prepare methane gas in the laboratory.</li> <li>Apply IUPAC rules to the nomenclature of alkanes.</li> </ul> <p><b>Attitudes and values:</b></p> <ul style="list-style-type: none"> <li>Develop a team approach and sense of responsibility in group discussions and experiments.</li> <li>Appreciate the economic importance of alkanes in daily life such as fuels.</li> </ul>	<p>Group discussions</p>	<p>Internet.</p>	
<p><b>Week 11</b> <b>27/6-1/7/22</b></p>	<p><b>Lesson title 9</b></p> <p>Laboratory preparation of methane.</p> <p><b>Lesson title 10</b></p> <p>Uses of alkanes (methane) in daily activities.</p>				
	<p><b>Summative evaluation 10</b></p>	<p><b>Key unit competency:</b> To be able to compare the properties of organic and inorganic compounds and explain the uses of alkanes in daily life.</p>	<p><b>Evaluation procedures:</b> (oral, written, practical)</p>		

<b>Week 12</b> <b>4-8/7/22</b>	<b>Third term exam and supervision</b>
<b>Week 13</b> <b>11-15/7/22</b>	<b>Correction of Third term exam and making annually school report</b>

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