



# ST. PETER'S COLLEGE GARAKU

## Scheme of work for:

**Term:** 3<sup>rd</sup> , **Session:** 2019/2020, **Class:** SSS1 , **Subject:** Chemistry

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Week	Topic	Contents	Students' activities	References
1	Chemistry of carbon.	<ul style="list-style-type: none"> <li>- Definitions</li> <li>- Allotropy and Allotropes of Carbon</li> <li>- Uses of Graphite and Diamond</li> <li>- Amorphous Carbon</li> </ul>	<ul style="list-style-type: none"> <li>- Checking text material for an illustration</li> <li>- Asking a&amp; Answering questions</li> </ul>	I New sch. Chem. Text ii New system chem. Text iii Essential chem. Text
2	Chemistry of carbon continue	<ul style="list-style-type: none"> <li>- Impure form of carbon</li> <li>- Coal, Charcoal and Soot</li> <li>- Compound of carbon</li> <li>- CO<sub>2</sub> &amp; CO</li> </ul>	<ul style="list-style-type: none"> <li>- Checking text material for an illustration</li> <li>- Asking a&amp; Answering questions</li> <li>- Paying attention to explanation</li> </ul>	I New sch. Chem. Text ii New system chem. Text iii Essential chem. Text
3	Chemistry of carbon continue	<ul style="list-style-type: none"> <li>- Activities of carbon in the atmosphere</li> <li>- Carbon cycle.</li> </ul>	<ul style="list-style-type: none"> <li>- Checking text material for an illustration</li> <li>- Asking a&amp; Answering questions</li> <li>- Paying attention to explanation</li> </ul>	I New sch. Chem. Text ii New system chem. Text iii Essential chem. Text
4	Hydrocarbon	<ul style="list-style-type: none"> <li>- Meaning/Definition</li> <li>- Examples/Sources of HC</li> <li>- Classifications of Hydrocarbon</li> <li>- Aromatic &amp; Aliphatic Hydrocarbon</li> <li>- Examples of Aromatic &amp; Aliphatic Hydrocarbon</li> </ul>	<ul style="list-style-type: none"> <li>- Checking text material for an illustration</li> <li>- Paying attention to explanation</li> <li>- Asking a&amp; Answering questions</li> </ul>	I New sch. Chem. Text ii New system chem. Text iii Essential chem. Text
5	Hydrocarbon continue Petroleum	<ul style="list-style-type: none"> <li>- Benzene and its derivatives</li> <li>- Petroleum as a chief source of Hydrocarbon</li> </ul>	<ul style="list-style-type: none"> <li>- Checking text material for an illustration</li> </ul>	I New sch. Chem. Text ii New system chem. Text

			<ul style="list-style-type: none"> <li>- Paying attention to explanation</li> <li>- Calculating</li> </ul>	iii Essential chem. Text
6	Petroleum continue	<ul style="list-style-type: none"> <li>- Fractional distillation of crude oil</li> <li>- Uses of petroleum fractions</li> <li>- Cracking</li> <li>- Reforming</li> </ul>	<ul style="list-style-type: none"> <li>- Checking text material for an illustration</li> <li>- Paying attention to explanation</li> <li>- Calculating</li> </ul>	I New sch. Chem. Text ii New system chem. Text iii Essential chem. Text
7	Mid-Term examination	Mid-Term examination	Mid-Term examination	Mid-Term examination
8	Chemistry of water	<ul style="list-style-type: none"> <li>- Meaning &amp; characteristics of water</li> <li>- Water synthesis.</li> <li>- Uses of water</li> <li>- Types of water</li> </ul>	<ul style="list-style-type: none"> <li>- Checking text material for an illustration</li> <li>- Paying attention to explanation</li> </ul>	I New sch. Chem. Text ii New system chem. Text iii Essential chem. Text
9	Chemistry of water Continue	<ul style="list-style-type: none"> <li>- Ways of soften a hard water</li> <li>- Uses of a hard water</li> <li>- Water pollution</li> <li>- Treatment of water for town use</li> <li>- Colloidal particle and their characteristics</li> </ul>	<ul style="list-style-type: none"> <li>- Checking text material for an illustration</li> <li>- Paying attention to explanation</li> <li>- Calculating</li> </ul>	I New sch. Chem. Text ii New system chem. Text iii Essential chem. Text
10	Solution and solubility	<ul style="list-style-type: none"> <li>- Meaning/Definition of solution and solubility.</li> <li>- Factors affecting solubility of solute in solvent</li> <li>- Calculation of solubility</li> <li>- Solubility curve</li> </ul>	<ul style="list-style-type: none"> <li>- Checking text material for an illustration</li> <li>- Paying attention to explanation</li> <li>- Calculating</li> </ul>	I New sch. Chem. Text ii New system chem. Text iii Essential chem. Text
11	Revision	Revision	Revision	Revision
12	Examination	Examination	Examination	Examination
13	Examination	Examination	Examination	Examination
14	Compilation	Compilation	Compilation	Compilation