

# St. John's Senior School



**Subject: Chemistry**

**Teacher: Mrs. Payne/ Dr. Parekh**

**Form: 5<sup>th</sup> form**

**Term: Autumn 2025**

WEEK	WEEK BEGINNING	TOPIC
1	8 <sup>th</sup> September	<ul style="list-style-type: none"> <li>• C7: Energy changes: Exo and Endo practical/ energy level diagrams</li> </ul>
2	15 <sup>th</sup> September	<ul style="list-style-type: none"> <li>• C7: Energy Changes</li> <li>• <b>Required practical 4</b></li> </ul>
3	22 <sup>nd</sup> September	<ul style="list-style-type: none"> <li>• C7: Bond Energy Calculations</li> </ul>
4	29 <sup>th</sup> September	<ul style="list-style-type: none"> <li>• C8: Rates of Reaction methods and factors</li> </ul>
5	6 <sup>th</sup> October	<ul style="list-style-type: none"> <li>• <b>Mini Test</b></li> <li>• C8: Rates of Reaction</li> </ul>
6	13 <sup>th</sup> October	<ul style="list-style-type: none"> <li>• <b>Required Practical: 5 activity 1</b></li> <li>• <b>Required Practical: 5 activity 2</b></li> </ul>
7	20 <sup>th</sup> October	<ul style="list-style-type: none"> <li>• C8: Reversible Reactions</li> <li>• Equilibrium</li> </ul>
<b>HALF - TERM</b>		
8	3 <sup>rd</sup> November	<ul style="list-style-type: none"> <li>• C15.5 Making Ammonia</li> <li>• C15.6: Economics of Haber Process</li> </ul>
9	10 <sup>th</sup> November	<ul style="list-style-type: none"> <li>• C9. Crude oil and fuels: Hydrocarbons and Fractional Distillation/ Alkanes</li> </ul>
10	17 <sup>th</sup> November	<ul style="list-style-type: none"> <li>• C10 Organic reactions/ Reactions of alkenes</li> </ul>
11	24 <sup>th</sup> November	<ul style="list-style-type: none"> <li>• C11 Addition Polymers</li> </ul>
12	1 <sup>st</sup> December	<ul style="list-style-type: none"> <li>• C11 Organic reactions/ alcohols and Carboxylic acids/esters</li> </ul>
13	8 <sup>th</sup> December	<ul style="list-style-type: none"> <li>• C11 Organic reactions/ alcohols and Carboxylic acids/esters</li> </ul>

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**Term: Spring 2026**

WEEK	WEEK BEGINNING	TOPIC
1	6 <sup>th</sup> January (Tuesday)	<ul style="list-style-type: none"> <li>MOCK EXAMINATION</li> </ul>
2	12 <sup>th</sup> January	<ul style="list-style-type: none"> <li>Condensation Polymerisation</li> </ul>
3	19 <sup>th</sup> January	<ul style="list-style-type: none"> <li>C12 Chemical analysis</li> </ul>
4	26 <sup>th</sup> January	<ul style="list-style-type: none"> <li><b>Required practical 7: Identifying Ions</b></li> </ul>
5	2 <sup>nd</sup> February	<ul style="list-style-type: none"> <li>C13. The Earth's Atmosphere: Early atmosphere and Evolution of Atmosphere</li> </ul>
6	9 <sup>th</sup> February	<ul style="list-style-type: none"> <li>C13. The Earth's Atmosphere/ Pollution and Climate change</li> </ul>
<b>16th February HALF - TERM</b>		
7	23 <sup>rd</sup> February	<ul style="list-style-type: none"> <li>C14 Earths Resources</li> </ul>
8	2 <sup>nd</sup> March	<ul style="list-style-type: none"> <li>C14 Earths Resources/ <b>Required practical 8: Water purification</b></li> </ul>
9	9 <sup>th</sup> March	<ul style="list-style-type: none"> <li>C15 Using Our Resources</li> </ul>
10	16 <sup>th</sup> March	<ul style="list-style-type: none"> <li>C15 Using Our Resources</li> </ul>
11	23 <sup>rd</sup> March	<ul style="list-style-type: none"> <li>Revision</li> </ul>

# St. John's Senior School



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**Term: Summer 2026**

WEEK	WEEK BEGINNING	TOPIC
1	20 <sup>th</sup> April	<ul style="list-style-type: none"> <li>Revision</li> </ul>
2	27 <sup>th</sup> April	<ul style="list-style-type: none"> <li>Revision</li> </ul>
3	5 <sup>th</sup> May (Tuesday)	<ul style="list-style-type: none"> <li>Revision</li> </ul>
4	11 <sup>th</sup> May	<ul style="list-style-type: none"> <li>•</li> </ul>
5	18 <sup>th</sup> May	<ul style="list-style-type: none"> <li>•</li> </ul>
<b>HALF - TERM</b>		
6	1 <sup>st</sup> June	<ul style="list-style-type: none"> <li><b>END OF TERM EXAMINATIONS</b></li> </ul>
7	8 <sup>th</sup> June	<ul style="list-style-type: none"> <li>•</li> </ul>
8	15 <sup>th</sup> June	<ul style="list-style-type: none"> <li>•</li> </ul>
9	22 <sup>nd</sup> June	<ul style="list-style-type: none"> <li>•</li> </ul>
10	29 <sup>th</sup> June	<ul style="list-style-type: none"> <li>•</li> </ul>
11	6 <sup>th</sup> July	<ul style="list-style-type: none"> <li>•</li> </ul>