

S1/S2 Chemistry

TERM 1 (Aug 13th – Nov 14th 2020)

SI = Syllabus Invariant
Yearly Rotation between A and B

Weeks	Course Outline
Week 1 [SI] (August 13 -15)	Unit 1 – Introducing Chemistry: Chemical Changes
Week 2, 3 [SI] (Aug 17 -29)	Chemical Changes
Week 4, 5 [SI] (Aug 31 – Sep 12)	Physical Changes
Week 6 [SI] (Sep 14 – 19)	Chemical vs Physical Changes
Week 7, 8 [SI] (Sep 21 – Oct 3)	Elements Periodic Table
Week 9 [SI] (Oct 5 – 10)	Compounds & Mixtures

Week 10 (Oct 12 – 17)	MID-TERM HOLIDAY
Week 11 (Oct 19 – 24)	Revision
Week 12 (Oct 26 – 31)	Assessment – Chemical Changes, Elements and Compounds
Week 13 (Nov 2 – 7)	Syllabus A – Reaction Rates: Measuring Reaction Rates Syllabus B – Petrochemicals: The Alkanes
Week 14 (Nov 9 - 14)	Syllabus A – Reaction Rates: Measuring Reaction Rates Syllabus B – Petrochemicals: The Alkanes
Nov 14 – 15	END OF TERM 1

S1/S2 Chemistry

TERM 2 (Nov 16th 2020 – Feb 27th 2021)

Week 1 (Nov 16 – 21)	Syllabus A – Reaction Rates: Reaction Rate Graphs Syllabus B – Petrochemicals: Other Families
Week 2 (Nov 23 – 28)	Syllabus A – Reaction Rates: Reaction Rate Graphs Syllabus B – Petrochemicals: Other Families
Week 3 (Nov 30 – Dec 5)	Syllabus A – Assessment – Reaction Rates Syllabus B – Petrochemicals: Other Families
Week 4 (Dec 7 – 12)	Syllabus A – Petrochemicals: Fossil Fuels Syllabus B – Petrochemicals: Other Families

<p>Week 5 (Dec 14 -19)</p>	<p>Syllabus A – Petrochemicals: Oil Fractions</p> <p>Syllabus B – Petrochemicals: Other Families</p>
<p>Week 6 (Dec 21 – 23)</p>	<p>Syllabus A – Petrochemicals: Oil Fractions</p> <p>Syllabus B – Assessment – The Alkanes and Other Families</p>
<p>Week 6 – 7 (Dec 24 – Jan 5)</p>	<p>WINTER BREAK</p>
<p>Week 8 (Jan 6 – 9)</p>	<p>Revision for both Syllabi since start of term</p>
<p>Week 9 (Jan 11 – 16)</p>	<p>Syllabus A – Petrochemicals: Introduction to Plastics</p> <p>Syllabus B – See how they react: Metal Reactions</p>

<p>Week 10 (Jan 18 – 23)</p>	<p>Syllabus A – Petrochemicals: Introduction to Plastics</p> <p>Syllabus B – See how they react: Metal Reactions</p>
<p>Week 11 (Jan 25 – 30)</p>	<p>Syllabus A – Petrochemicals: Introduction to Plastics</p> <p>Syllabus B – See how they react: Metal Reactions</p>
<p>Week 12 (Feb 1 – 5)</p>	<p>Syllabus A – Petrochemicals: Addition Polymerisation</p> <p>Syllabus B – See how they react: Flame Tests & Heating Oxides</p>
<p>Feb (6 – 9)</p>	<p>MID-TERM HOLIDAY</p>
<p>Week 13 (Feb 10 -13)</p>	<p>Syllabus A – Petrochemicals: Addition Polymerisation</p> <p>Syllabus B – See how they react: Flame Tests & Heating Oxides</p>

Week 14 (Feb 15 -20)	Syllabus A – Assessment: Plastics & Polymers Syllabus B – Assessment: See how they react (full)
Week 15 [SI] (Feb 22 – 27)	Formula Reading & Writing
	END OF TERM 2

S1/S2 Chemistry
TERM 3 (March 1st – June 26th 2021)

Week 1 [SI] (March 1- 6)	Formula Reading & Writing
Week 2 [SI] (March 8 - 13)	Formula Reading & Writing
Week 3 [SI] (March 15 - 20)	Formula Reading & Writing
Week 4 [SI] (March 22 - 27)	Formula Reading & Writing
Week 5 [SI] (March 29 – April 1st)	Assessment – Formula Reading & Writing
Week 5 – 7 (April 2– 17)	APRIL HOLIDAY
Week 8 [SI] (April 19 - 24)	Calculations Formula Mass
Week 9 [SI] (April 26 – May 1)	Percentage Composition
Week 10 (May 3 - 8)	MAY DAY, RAMADHAN/EID HOLIDAY

Week 11 (May 10 - 15)	RAMADHAN/EID HOLIDAY
Week 12 [SI] (May 17 – 22)	Molar Mass
Week 13 [SI] (May 24 -29)	Assessment – Formula Mass, Percentage Composition and Molar Mass
May 28 th – May 31 st , 2021	MID-TERM HOLIDAY
Week 14 [SI] (May 31 – June 5)	Molar Calculations
Week 15 [SI] (June 7 – 12)	Molar Calculations
Week 16 [SI] (June 14 – 19)	Balancing Equations
Week 17 [SI] (June 21 – 26)	Balancing Equations
	END OF TERM 3