S1/S2 Chemistry

TERM 1 (Aug 13th – Nov 14th 2020)

Weeks	**Course Outline**
Week 1 (August 13 -15)	Revision of previous Knowledge
Week 2, 3 (Aug 17 -29)	• Atoms, elements and the periodic table • Ceramics, polymers and composites
Week 4, 5 (Aug 31 – Sep 12)	• Atoms, elements and the periodic table • Ceramics, polymers and composites
Week 6 (Sep 14 – 19)	• Naming compounds • Structure of the atom
Week 7, 8 (Sep 21 – Oct 3)	• Atoms, elements and compounds • Structure of the atom
Week 9 (Oct 5 – 10)	• Pure and impure chemical substances • Subatomic particles
Week 10 (0ct 12 – 17)	**MID-TERM HOLIDAY**
Week 11 (Oct 19 – 24)	• Separating mixtures • Atomic number and mass number
Week 12 (Oct 26 – 31)	• Separating mixtures • Calculating numbers of subatomic particles
Week 13	• application of skills of scientific inquiry and related chemistry knowledge and understanding • Reporting experimental work

(Nov 2 – 7)	
Week 14 (Nov 9 - 14)	• application of skills of scientific inquiry and related chemistry knowledge and understanding • Reporting experimental work
Nov 14 - 15	**END OF TERM 1**

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

Week 1 (Nov 16 – 21)	• The three states of matter • Isotopes
Week 2 (Nov 23 – 28)	• Particle arrangement and movement • Covalent bonding
Week 3 (Nov 30 – Dec 5)	• Explaining change of state • Melting, evaporating and boiling • Covalent bonding
Week 4 (Dec 7 – 12)	• Explaining change of state • Melting, evaporating and boiling • • Ionic bonding
Week 5 (Dec 14 -19)	• Metals, non-metals. • Properties • Ionic bonding
Week 6 (Dec 21 – 23)	• application of skills of scientific inquiry and related chemistry knowledge and understanding • Reporting experimental work
Week 6 - 7 (Dec 24 – Jan 5)	**WINTER BREAK**
Week 8 (Jan 6 – 9)	**ASSESSMENT**
Week 9 (Jan 11 – 16)	• Metals, non-metals. • Properties • Bonding and properties

Week 10 (Jan 18 – 23)	• Metals, non-metals. • Properties • Bonding and properties
Week 11 (Jan 25 – 30)	• Acids and bases
Week 12 (Feb 1 – 5)	• Acids and bases
Feb (6 – 9)	**MID-TERM HOLIDAY**
Week 13 (Feb 10 -13)	• Acids and bases
Week 14 (Feb 15 -20)	• Acids and bases
Week 15 (Feb 22 – 27)	• application of skills of scientific inquiry and related chemistry knowledge and understanding • Reporting experimental work
	END OF TERM 2

TERM 3 (March 1st – June 26th 2021)

Week 1 (March 1- 6)	• Chemical Reactions
Week 2 (March 8 - 13)	• Chemical Reactions
Week 3 (March 15 - 20)	• Chemical Reactions
Week 4 (March 22 - 27)	• How to write word equations and some simple symbol equations
Week 5 (March 29 – April 1st)	• How to write word equations and some simple symbol equations
Week 5 - 7 (April 2– 17)	APRIL HOLIDAY
Week 8 (April 19 - 24)	• Balancing equations
Week 9 (April 26 – May 1)	• Balancing equations
Week 10 (May 3 - 8)	MAY DAY, RAMADHAN/EID HOLIDAY
Week 11 (May 10 - 15)	**RAMADHAN/EID HOLIDAY**
Week 12	• **Predicting products**

(May 17 – 22)	
Week 13 (May 24 -29)	• Predicting products
May 28th – May 31st, 2021	**MID-TERM HOLIDAY**
Week 14 (May 31 – June 5)	• **Use particle diagrams to show what happens in a reaction**
Week 15 (June 7 – 12)	• **Use particle diagrams to show what happens in a reaction**
Week 16 (June 14 – 19)	• **application of skills of scientific inquiry and related chemistry knowledge and understanding** • **Reporting experimental work**
Week 17 (June 21 – 26)	• **application of skills of scientific inquiry and related chemistry knowledge and understanding** • **Reporting experimental work**
	END OF TERM 3