



Combined Science - Year 10 Chemistry



Autumn (Michaelmas) Term

What we are learning...	Consolidation	Deepen & Challenge
Atomic Structure	<u>Atomic structure and the periodic table - BBC Bitesize</u>	<u>Sample exam questions - Atomic structure and the periodic table</u>
Periodic Table	<u>Atomic structure and the periodic table - Videos</u>	
States of Matter	<u>Solids, liquids and gases - The three states of matter</u>	<u>States of Matter - NASA</u>

Spring (Lent) Term

What we are learning...	Consolidation	Deepen & Challenge
Bonding	<u>Ionic compounds</u> <u>Covalent bonds - Small molecules</u> <u>Giant covalent molecules</u>	<u>Bonding, structure and the properties that matter - Videos</u>
Structure & Properties of Matter	<u>Structure and bonding in metals</u>	<u>Sample questions - bonding, structure and matter</u>
Quantitative Chemistry	<u>Quantitative chemistry - BBC Bitesize</u> <u>Quantitative chemistry - Videos</u>	<u>Calculations in chemistry (higher) - BBC Bitesize</u>

Summer (Trinity) Term

What we are learning...	Consolidation	Deepen & Challenge
Energy Changes	<u>Energy changes - BBC Bitesize</u>	<u>Sample exam questions - Energy changes</u>
Chemical Changes	<u>Chemical changes - BBC Bitesize</u>	<u>Sample exam questions - Chemical changes</u>