

**Biology**

BIG IDEA 1: THE CELLULAR BASIS OF LIFE (BI1) - Organisms are made of one or more cells, which need a supply of energy and molecules to carry out life processes.

BIG IDEA 2: HEREDITY AND LIFE CYCLES (BI2) - Genetic information is passed from each generation to the next; this information and the environment affect the features, growth and development of organisms.

BIG IDEA 3: ORGANISMS AND THEIR ENVIRONMENTS (BI3) - All organisms, including humans, depend on, interact with and affect the environments in which they live and other organisms that live there

BIG IDEA 4: VARIATION, ADAPTATION AND EVOLUTION (BI4) - Differences between organisms cause species to evolve by natural selection of better adapted individuals. The great diversity of organisms is the result of evolution.

BIG IDEA 5: HEALTH AND DISEASE (BI5) - Organisms must stay in good health to survive and thrive; the health of an individual results from interactions between its body, behaviour, environment and other organisms

**Chemistry**

BIG IDEA: SUBSTANCES AND PROPERTIES (CH1) - Materials are either made of a single chemical substance or a mixture of substances which each have distinctive properties.

BIG IDEA: PARTICLES AND STRUCTURE (CH2) - All matter is made up of atoms. The behaviour and structural arrangement of atoms explains the properties of different materials

BIG IDEA: CHEMICAL REACTIONS (CH3) - During a chemical reaction, atoms are rearranged forming new substances.

BIG IDEA: EARTH'S ATMOSPHERE (CH4) - The composition of the Earth's atmosphere depends upon the balance of substances that are continually entering and leaving it. This affects the Earth's climate.

**Physics**

BIG IDEA: MATTER (PH1) - Objects are made of particles with mass. Understanding particles helps us to design our world.

BIG IDEA: FORCES AND MOTION (PH2) - Forces make things change. Understanding forces helps us to predict and control physical change.

BIG IDEA: SOUND, LIGHT AND WAVES (PH3) - Waves radiate information. Understanding waves helps us to communicate.

BIG IDEA: ELECTRICITY AND MAGNETISM (PH4) -The everyday world is largely a consequence of electrical charge. Understanding electricity and magnetism helps us develop technology to improve lives

BIG IDEA: EARTH IN SPACE (PH5) - Understanding the uniqueness of the Earth and the vastness of space gives us perspective.

		Term 1		Term 2		Term 3	
	<i>Topic title</i>	Baseline testing Chemical analysis The periodic table	Cells Reproduction	Forces Science Fair/Crest Award	Energy resources  Chemical reactions	Electricity in our lives Waves for communication	Revision for end of year exams Ecosystems
Year 7	<i>Core Knowledge/ Concepts</i>	Students in year 7 science will start the year studying the BIG IDEA: PARTICLES AND STRUCTURE (CH2). This will cover the following key concepts <ul style="list-style-type: none"> <li>Substances and mixtures</li> <li>Solutions</li> <li>Separating solutions</li> </ul>	In half term 2 the students at TEMA will move onto the first biology units. BIG IDEA1: THE CELLULAR BASIS OF LIFE (BI1): Organisms are made of one or more cells, which need a supply of energy and molecules to carry out life processes. This will cover the following key concepts	In half term 3 the year 7 students will focus on Forces. BIG IDEA: FORCES AND MOTION (PH2) This will cover the following key concepts <ul style="list-style-type: none"> <li>What forces do</li> <li>Describing forces</li> <li>Balanced and unbalanced forces</li> <li>Friction</li> </ul>	During this half term students will be introduced to the BIG IDEA: CHEMICAL REACTIONS (CH3) This will cover the following key concepts  Elements and compounds Key concepts: Atoms and molecules Symbols and formulae	The year 7 scientists will build on their basic understanding of physics using the BIG IDEA: ELECTRICITY AND MAGNETISM (PH4) This will cover the following key concepts <ul style="list-style-type: none"> <li>Making circuits</li> <li>Electric current</li> <li>Voltage</li> <li>Static electricity</li> </ul>	Students will prepare for the end of year exams followed by the last unit of the year BIG IDEA 3: ORGANISMS AND THEIR ENVIRONMENTS (BI3). This will be aided by visiting Chester Zoo to understand the ecosystems at the zoo.  All organisms, including humans, depend on, interact with and

		Male reproductive system Female reproductive system	The students will also be taking part in the national CREST award	Chemical change Key concepts: Rearrangement of atoms	<ul style="list-style-type: none"> <li>Resistance</li> <li>Series and parallel circuits</li> </ul>	affect the environments in which they live and other organisms that live there. <ul style="list-style-type: none"> <li>Food chains and food webs</li> <li>Interdependence within ecosystems</li> <li>Habitats</li> </ul>
<i>How will it be assessed?</i>	Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test. Summative test content:  Chemical analysis The periodic table	Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test.  Weekly quiz including content from HT1 and cells and reproduction  Summative test: Section A (synoptic) – Chemical analysis Cells Reproduction The periodic table Section B – Cells and reproduction	Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test. Weekly quiz including content from HT1, HT2 and Forces  Summative test: Section A (synoptic) – Chemical analysis Cells Reproduction The periodic table Section B – Forces	Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test. Weekly quiz including content from HT1, HT2, HT3, HT4  Summative test: Section A (synoptic) – Chemical analysis Cells Reproduction The periodic table Forces Section B – Energy resources Chemical reactions	Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test. Weekly quiz including content from HT1, HT2, HT3, HT4 and HT5  Summative test: Section A (synoptic) – Chemical analysis Cells Reproduction The periodic table Forces Energy resources Chemical reactions Section B – Electricity in our lives	Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test.  End of year exam  Assessment of HT1-HT5 Summative test: Chemical analysis Cells Reproduction The periodic table Forces Energy resources Chemical reactions Electricity in our lives Waves for communication
<i>Why are we doing this now? How does this build on prior knowledge and the knowledge still to come?</i>	Students gain the fundamentals of working safely in a lab and use their KS2 knowledge to build on scientific techniques. Start of CH1 big idea in science.	Students build on their KS2 knowledge to understand the key components the cellular basis of life.	Students at TEMA will be developing their skills of scientific enquiry through a science fair project that will lead to the Crest Award  Starting fundamentals of physics with forces. To be developed further in Year 9 as part of the GCSE. Builds on KS2 knowledge of push, pull and twist forces	Students will build on the practical skills in half term 1 and learn how chemical reactions occur and why. This is essential for any future chemistry knowledge	This unit is being taught in year 7 to bring together the importance and relevance of science in student's daily lives. It will also give students basic understanding of electrical components and how current moves.	Students will prepare for the end of year exams followed by the last unit of the year ecosystems which will develop ideas about food chains from KS2 by incorporating the movement of energy
<i>Topic title</i>	Inside out Under attack	Rocks and our planet How to build an iPhone	Energy stores and pathways	Space Light and Jodrell Bank	Systems in plants Photosynthesis	Revision for end of year exams Forces
<i>Core Knowledge/ Concepts</i>	Students will start to explore different systems in animals and how they work together followed by BIG IDEA 5: HEALTH AND DISEASE (B15). These units will cover the following key concepts  Organisms must stay in good health to survive and thrive; the health of an individual results from interactions between its body, behaviour, environment and other organisms	In half term 2 students will seek to understand the make-up of the planet through the BIG IDEA: EARTH'S ATMOSPHERE (CH4) This will cover the following key concepts <ul style="list-style-type: none"> <li>Magma and lava</li> <li>Igneous rocks</li> <li>Changing landscapes</li> <li>Weathering and erosion</li> <li>Sedimentary rocks</li> <li>Geological time</li> </ul>	Students will build on the fundamentals of energy from year 7 BIG IDEA: FORCES AND MOTION (PH2) <ul style="list-style-type: none"> <li>Energy stores and transfers</li> </ul> Through this unit students will	In half term 4 the students in year 8 will study light and its use in communications and then visit a working telescope at Jodrell Bank in Cheshire. This will explore BIG IDEA: EARTH IN SPACE (PH5) Understanding the uniqueness of the Earth and the vastness of space gives us perspective. <ul style="list-style-type: none"> <li>Planets and the solar system</li> <li>Gravity</li> </ul>	BIG IDEA 1: THE CELLULAR BASIS OF LIFE (B11) <ul style="list-style-type: none"> <li>Cells and cell structures</li> <li>Cell shape and size</li> <li>Working together – cells, tissues and organ systems</li> <li>Photosynthesis</li> </ul>	BIG IDEA: FORCES AND MOTION (PH2) <ul style="list-style-type: none"> <li>What forces do</li> <li>Describing forces</li> <li>Balanced and unbalanced forces</li> <li>Friction</li> <li>Energy stores and transfers</li> </ul>

		<ul style="list-style-type: none"> <li>Rock cycle</li> <li>Metamorphic rocks</li> </ul>		<ul style="list-style-type: none"> <li>The night sky, stars and galaxies</li> <li>Days and seasons</li> </ul>		
<i>How will it be assessed?</i>	<p>Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test.</p> <p>Weekly quick quiz Summative test: Systems in animals Health and disease</p>	<p>Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test. Weekly quiz including content from HT1 and HT2</p> <p>Summative test: Section A (synoptic) - Systems in animals Health and disease Section B Rocks and our planet Materials in the modern world</p>	<p>Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test. Weekly quiz including content from HT1, HT2, and HT3</p> <p>Summative test: Section A (synoptic) - Systems in animals Health and disease Rocks and our planet Materials in the modern world</p> <p>Section B Energy stores and pathways</p>	<p>Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test. Weekly quiz including content from HT1, HT2, HT3 and HT4</p> <p>Summative test: Section A (synoptic) - Systems in animals Health and disease Rocks and our planet Materials in the modern world Energy stores and pathways</p> <p>Section B Space and Light</p>	<p>Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test. Weekly quiz including content from HT1, HT2, HT3 and HT4</p> <p>Summative test: Section A (synoptic) - Systems in animals Health and disease Rocks and our planet Materials in the modern world Energy stores and pathways Space and Light</p> <p>Section B Systems in plants</p>	<p>Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test.</p> <p>End of year exam</p> <p>Assessment of HT1-HT5 Summative test: Section A (synoptic) - Systems in animals Health and disease Rocks and our planet Materials in the modern world Energy stores and pathways Space and Light Systems in plants Photosynthesis</p>
<i>Why are we doing this now? How does this build on prior knowledge and the knowledge still to come?</i>	At KS2 students study how to keep healthy. This topic will help equip students for how to prevent common illnesses and why they occur. This will prepare them for the GCSE unit on non-communicable and communicable diseases	Looking at the rocks that build up our planet ready for more extensive learning in KS4 about how this has caused the atmosphere to develop	Students to learn about the different energy stores and pathways. This will address misconceptions from KS2 as there have been significant changes in the way that this unit should be taught. This will allow students to describe the pathways accurately at KS4.	Students will develop their understanding of space from KS2 to include how satellites work and why they are important. This will be aided by the trip to Jodrell Bank to see a working telescope. (see big idea mapping)	Fundamental biology knowledge. Students will have knowledge of animal cells from KS2. This is developed at KS3 to look at plant cells and the roles of the components. Students need this basic understanding to help them understand cellular processes at KS4	Students will have experienced forces at KS2. In the year 8 unit students will develop their application of forces mathematically through equations and analysis of data
<i>Topic title</i>	4.1.1 Cell Structure 4.2 Organisation	5.1 Atomic Structure & Periodic Table 5.2.1 Bonding	6.3 Particle Model of Matter 6.4 Atomic Structure	4.3 Infection & Response 4.4.1 Photosynthesis	5.5 Energy changes 5.4.1 Reactivity of Metals 5.4.2 Reactions of Acids	Revision for the end of year exam 6.5.4 Forces and motion
<i>Core Knowledge/ Concepts</i>	<p>The students will start their journey into GCSE content by In half term 1 by covering BIG IDEA 1: THE CELLULAR BASIS OF LIFE (BI1)</p> <p>KS4 key concepts:</p> <ul style="list-style-type: none"> <li>Photosynthesis</li> <li>Cellular respiration</li> <li>Enzymes</li> <li>Diffusion and the cell membrane</li> </ul>	<p>Half term 2 will continue to build on the fundamentals in chemistry from year 7 and 8. These units will cover BIG IDEA: PARTICLES AND STRUCTURE (CH2)</p> <ul style="list-style-type: none"> <li>All matter is made up of atoms. The behaviour and structural arrangement of atoms explains the properties of different materials</li> <li>Understanding chemical reactions</li> <li>Representing reactions</li> <li>Conservation of mass</li> <li>Types of bonding</li> </ul>	<p>In half term 3 students will start to explore the links between chemistry and physics. These units will cover BIG IDEA: MATTER (PH1)</p> <ul style="list-style-type: none"> <li>Density</li> <li>Radioactive decay</li> <li>Half lives</li> <li>Particle model of the atom</li> </ul>	<p>The students in year 9 will cover BIG IDEA 5: HEALTH AND DISEASE (BI5) in half term 4</p> <ul style="list-style-type: none"> <li>Pathogens</li> <li>Preventing infection – animals</li> <li>Preventing infection – plants</li> <li>Photosynthesis</li> </ul>	<p>This unit will cover BIG IDEA: CHEMICAL REACTIONS (CH3)</p> <p>During a chemical reaction, atoms are rearranged forming new substances.</p> <ul style="list-style-type: none"> <li>Exothermic and endothermic reactions</li> <li>Neutralisation</li> <li>Making salts</li> <li>Reactivity series</li> <li>Patterns in chemical properties of the elements</li> </ul>	<p>This unit will cover BIG IDEA: FORCES AND MOTION (PH2)</p> <ul style="list-style-type: none"> <li>Describing speed</li> <li>Motion graphs</li> <li>Changing motion</li> <li>Drag Mass and weight</li> <li>Stretching springs</li> </ul>

		<ul style="list-style-type: none"> <li>Structure linked to properties of compounds</li> </ul>				
<i>How will it be assessed?</i>	<p>Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test.</p> <p>Weekly quick quiz Summative test: 4.1.1 Cell Structure 4.2 Organisation</p>	<p>Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test.</p> <p>Weekly quick quiz HT1 and HT2 Summative test: Section A 4.1.1 Cell Structure 4.2 Organisation Section B 5.1 Atomic Structure &amp; Periodic Table 5.2.1 Bonding</p>	<p>Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test.</p> <p>Weekly quick quiz HT1, HT2 and HT3 Summative test: Section A 4.1.1 Cell Structure 4.2 Organisation 5.1 Atomic Structure &amp; Periodic Table 5.2.1 Bonding Section B 6.3 Particle Model of Matter 6.4 Atomic Structure</p>	<p>Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test.</p> <p>Weekly quick quiz HT1, HT2 and HT3 Summative test: Section A 4.1.1 Cell Structure 4.2 Organisation 5.1 Atomic Structure &amp; Periodic Table 5.2.1 Bonding 6.3 Particle Model of Matter 6.4 Atomic Structure Section B 4.3 Infection &amp; Response 4.4.1 Photosynthesis</p>	<p>Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test.</p> <p>Weekly quick quiz HT1, HT2, HT3 and HT4 Summative test: Section A 4.1.1 Cell Structure 4.2 Organisation 5.1 Atomic Structure &amp; Periodic Table 5.2.1 Bonding 6.3 Particle Model of Matter 6.4 Atomic Structure 4.3 Infection &amp; Response 4.4.1 Photosynthesis Section B 5.5 Exothermic &amp; Endothermic 5.4.1 Reactivity of Metals</p>	<p>End of year exam</p> <p>Paper 1 – biology, chemistry and physics</p> <p>Paper 2 – required practicals</p>
<i>Why are we doing this now? How does this build on prior knowledge and the knowledge still to come?</i>	This unit develops ideas from year 7 and 8 for the AQA GCSE specification.	This develops ideas from year 7 and 8 for the AQA GCSE specification and will allow students to link structure of compounds to this properties	This half term will focus on developing ideas in physics from year 7 and 8 for the AQA GCSE specification. This unit will allow students to link the particle model to radioactive decay and why this is a useful source of energy	In half term 4 students will revisit photosynthesis from KS3 and will develop greater understanding of the chemical processes inside plant cells	In half term 5 the students will be applying their understanding of chemical reactions and combining this with new knowledge which will explain how energy changes in reactions.  GCSE specification building on BIG IDEA: CHEMICAL REACTIONS (CH3)	The end of year exam will bring together the work in biology, chemistry and physics in one paper whilst assessing practical skills in another. This will allow students to gain clear areas of strength and areas for improvement
<i>Topic title</i>	4.4 Respiration 4.5 Homeostasis	6.1 Energy	6.2 Electricity	5.3 Quantitative chemistry	4.1.3 Transport	Revision for end of year exams
	5.6 Rates and equilibria	5.2.2 Structure & Properties	5.4.3 Electrolysis	4.1.2 Cell Division	6.5 Forces	4.7 Ecology
<i>Core Knowledge/ Concepts</i>	<p>GCSE specification</p> <p>BIG IDEA: CHEMICAL REACTIONS (CH3)</p> <ul style="list-style-type: none"> <li>Factors that speed up rates of reaction</li> <li>Rates of reaction required practical</li> </ul>	<p>GCSE specification</p> <p>BIG IDEA: CHEMICAL REACTIONS (CH3)</p> <ul style="list-style-type: none"> <li>Reversible reactions</li> <li>Equilibria</li> </ul>	<p>GCSE specification</p> <p>BIG IDEA: ELECTRICITY AND MAGNETISM (PH4)</p> <p>The everyday world is largely a consequence of electrical charge. Understanding electricity and magnetism helps us develop technology to improve lives</p>	<p>GCSE specification</p> <p>BIG IDEA 2: HEREDITY AND LIFE CYCLES (BI2)</p> <ul style="list-style-type: none"> <li>Cell division</li> <li>Mitosis</li> <li>Meiosis</li> <li>Cloning</li> </ul>	<p>GCSE specification</p> <p>BIG IDEA: FORCES AND MOTION (PH2)</p> <ul style="list-style-type: none"> <li>Describing speed</li> <li>Motion graphs</li> <li>Changing motion</li> <li>Drag Mass and weight</li> <li>Stretching springs</li> </ul>	<p>GCSE specification</p> <p>BIG IDEA 3: ORGANISMS AND THEIR ENVIRONMENTS (BI3)</p> <p>All organisms, including humans, depend on, interact with and affect the environments in which</p>

		Application to examples (Haber process and others)	KS4 key concepts: <ul style="list-style-type: none"> <li>• Magnetic fields</li> <li>• Electromagnets</li> <li>• Paying for electricity</li> <li>• Series and parallel circuits</li> <li>• Current affected by voltage and resistance</li> </ul> BIG IDEA: CHEMICAL REACTIONS (CH3) <ul style="list-style-type: none"> <li>• Electrolysis</li> </ul>	BIG IDEA: EARTH'S ATMOSPHERE (CH4) KS4 key concepts: <ul style="list-style-type: none"> <li>• Changing landscapes</li> <li>• Composition of the modern atmosphere</li> <li>• Natural changes to the atmosphere</li> <li>• Human activities and the atmosphere</li> </ul>		they live and other organisms that live there. <ul style="list-style-type: none"> <li>• Food chains and food webs</li> <li>• Interdependence within ecosystems</li> <li>• Habitats</li> <li>• Changing environmental conditions</li> <li>• The importance of biodiversity</li> <li>• Human impacts on biodiversity</li> </ul>	
	Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test. Weekly quick quiz year 9 and HT1 content Summative test: Section A Working scientifically/ maths skills baseline Section B 4.4 Respiration 4.5 Homeostasis 5.6 Rates of reaction	Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test. Weekly quick quiz year 9, HT1 and HT2 content Summative test: Section A 4.4 Respiration 4.5 Homeostasis 5.6 Rates of reaction Section B 6.1 Energy 5.6 Equilibria	Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test. Weekly quick quiz year 9, HT1, HT2 and HT3 content Summative test: Section A 4.4 Respiration 4.5 Homeostasis 5.6 Rates of reaction 6.1 Energy 5.6 Equilibria Section B 5.2.2 Structure & Properties 6.2.1 – 6.2.4 Electricity Electrolysis	Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test. Weekly quick quiz year 9, HT1, HT2, HT3 and HT4 content Summative test: Section A 4.4 Respiration 4.5 Homeostasis 5.6 Rates of reaction 6.1 Energy 5.6 Equilibria 5.2.2 Structure & Properties 6.2.1 – 6.2.4 Electricity Section B 5.9 Chemistry of Atmosphere 5.7 Organic Chemistry 4.1.2 Cell Division	Students will be completing a weekly quick quiz to assess student recall. At the end of each half term there will be a test. Weekly quick quiz year 9, HT1, HT2, HT3, HT4 and HT5 content Summative test: Section A 4.4 Respiration 4.5 Homeostasis 5.6 Rates of reaction 6.1 Energy 5.6 Equilibria 5.2.2 Structure & Properties 6.2.1 – 6.2.4 Electricity 4.1.2 Cell Division Section B 4.1.3 Transport Forces	End of year exams Paper 1 biology Paper 1 chemistry Paper 1 physics AQA Combined Science Trilogy (PPE)	
	<i>How will it be assessed?</i>						
	<i>Why are we doing this now? How does this build on prior knowledge and the knowledge still to come?</i>	GCSE specification 4.4 building on BIG IDEA: CHEMICAL REACTIONS (CH3)	GCSE specification building on BIG IDEA: CHEMICAL REACTIONS (CH3)	GCSE specification building on BIG IDEA: ELECTRICITY AND MAGNETISM (PH4)	GCSE specification building on BIG IDEA: EARTH'S ATMOSPHERE (CH4)	GCSE specification building on BIG IDEA: FORCES AND MOTION (PH2)	GCSE specification building on BIG IDEA 3: ORGANISMS AND THEIR ENVIRONMENTS (BI3)
Year 11	Topic title	4.6 Inheritance Variation & Classification	6.5 Forces	6.7 Magnetism	Paper 1 revision	Paper 2 revision	

	5.10 Using Resources 5.4.3 Electrolysis	5.8 Chemical Analysis				
<i>Core Knowledge /Concepts</i>	GCSE specification  BIG IDEA: CHEMICAL REACTIONS (CH3)  <ul style="list-style-type: none"> <li>Electrolysis</li> </ul>	GCSE specification  CH1 Substances and mixtures Key concepts: Substances, Solutions, Separating solutions, Chromatography, Distillation, Fractional Distillation  BIG IDEA: FORCES AND MOTION (PH2) <ul style="list-style-type: none"> <li>Describing speed</li> <li>Motion graphs</li> <li>Changing motion</li> <li>Drag Mass and weight</li> <li>Stretching springs</li> </ul>	GCSE specification  BIG IDEA: ELECTRICITY AND MAGNETISM (PH4) KS4 key concepts: <ul style="list-style-type: none"> <li>Magnetic fields</li> <li>Electromagnets</li> <li>Paying for electricity</li> <li>Series and parallel circuits</li> <li>Current affected by voltage and resistance</li> </ul>			
<i>How will it be assessed?</i>	Weekly quick quiz on paper 1 and current content  Summative test: Section A Paper 1 biology Section B Inheritance	Weekly quick quiz on paper 1 and current content  PPE's Paper 1 Biology Paper 1 Chemistry Paper 1 Physics	Weekly quick quiz on paper 1 and current content Section A Paper 1 physics Section B Chemical analysis Forces and magnetism	Weekly quick quiz on paper 1 and current content  Paper 1&2 biology Paper 1 &2 chemistry Paper 1 &2 physics		
<i>Why are we doing this now? How does this build on prior knowledge and the knowledge still to come?</i>	GCSE specification building on BIG IDEA: CHEMICAL REACTIONS (CH3)	GCSE specification building on BIG IDEA: FORCES AND MOTION (PH2)	GCSE specification building on BIG IDEA: ELECTRICITY AND MAGNETISM (PH4)			