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Topics studied with links to sow / specification									
	Term 1			Term 2			Term 3		
Year 7	Bio – Living systems	Chem – Matter and particles	Phys – Forces and motion	Bio – Diet and Health	Chem - Atoms, Elements and Compounds	Phys - Pressure	Bio - Genetics and Evolution	Chem - Reactions	Phys - Electricity
Link to spec / sow	http://filestore.aqa.org.uk/resources/science/specifications/AQA-SCIENCE-KS3-SYLLABUS.PDF								
Year 8	Bio – Life processes	Chem - Acids and Alkalis	Phys - Energy	Bio - Reproduction and growth	Chem - The Earth	Phys – Waves	Bio - Ecosystems	Chem - Materials	Phys - The Solar System
Link to spec / sow	http://filestore.aqa.org.uk/resources/science/specifications/AQA-SCIENCE-KS3-SYLLABUS.PDF								
Year 9 (Combined Science: Trilogy)	Bio - Cell Biology	Chem - Atoms	Phys - Energy	Bio - Organisation	Chem - Earth and Atmosphere	Phys - Particle Model	Bio - Infection and Response	Chem - Water and pH	Phys - Atomic Structure
Link to spec / sow	http://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464								
Year 9 (Triple Science/Separate Sciences)	Bio - Cell Biology	Chem - Atoms	Phys - Energy	Bio - Organisation	Chem - Earth and Atmosphere	Phys - Particle Model	Bio - Infection and Response	Chem - Water and pH	Phys - Atomic Structure
Link to spec / sow	http://www.aqa.org.uk/subjects/science/gcse/biology-8461 http://www.aqa.org.uk/subjects/science/gcse/chemistry-8462 http://www.aqa.org.uk/subjects/science/gcse/physics-8463								
Year 10 (Combined Science: Trilogy)	Bio - Bioenergetics, Infection and Response	Chem - Atoms	Phys -	Bio - Homeostasis and Response	Chem - Earth and Water	Phys - Forces	Bio - Ecology	Chem - Life Cycles and Identifying Substances	Phys -
Link to spec / sow	http://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464								
Year 10 (Triple Science/Separate Sciences)	Bio - Bioenergetics, Infection and Response	Chem - Atoms	Phys – Waves and space	Bio - Homeostasis and Response	Chem - Earth and Water mosphere	Phys - Forces	Bio - Ecology	Chem - Life Cycles and Identifying Substances	Phys - Electricity
Link to spec / sow	http://www.aqa.org.uk/subjects/science/gcse/biology-8461 http://www.aqa.org.uk/subjects/science/gcse/chemistry-8462 http://www.aqa.org.uk/subjects/science/gcse/physics-8463								

Year 11 (Combined Science: Trilogy)	Bio - Inheritance, Variation and Evolution	Chem - Substances and Rates	Phys - Atoms and Forces	Bio - Bioenergetics and Biodiversity	Chem - Moles	Phys - Forces	Bio - Ecosystems	Chem - The Earth	Phys - Electromagnetism
Link to spec / sow	http://www.aqa.org.uk/subjects/science/gcse/combined-science-trilogy-8464								
Year 11 (Triple Science/Separate Sciences)	Bio - Inheritance, Variation and Evolution	Chem- Substances and Rates	Phys- Atoms and Forces	Bio - Bioenergetics and Biodiversity	Chem- Moles	Phys- Forces	Bio - Ecosystems	Chem- The Earth	Phys- Electromagnetism
Link to spec / sow	http://www.aqa.org.uk/subjects/science/gcse/biology-8461 http://www.aqa.org.uk/subjects/science/gcse/chemistry-8462 http://www.aqa.org.uk/subjects/science/gcse/physics-8463								
Year 12 A-Level	Bio - Genetic information, variation and relationships between organisms and Biological molecules	Chem - Electronic structure and shapes, Atoms, Ions and compounds, Amount of substance and Acids and Redox	Phys - Measurements and their errors and Particles and radiation	Bio - Biological molecules and Cells	Chem - Organic Chemistry – alkanes and alkenes, periodicity, reactivity trends, enthalpy, reaction rates and equilibrium	Phys – Waves and Mechanics and materials	Bio - Organisms exchange substances with their environment	Chem – Organic chemistry – Alcohols, haloalkanes, organic synthesis and spectroscopy	Phys - Electricity
Link to spec / sow	http://filestore.aqa.org.uk/resources/biology/specifications/AQA-7401-7402-SP-2015.PDF http://filestore.aqa.org.uk/resources/physics/specifications/AQA-7407-7408-SP-2015.PDF								
Year 12 L3 and L2 courses	L3 Applied Science – Key concepts in science	L2 Combined Science: Synergy – Building Blocks, Transport over larger distances, Interactions with the environment	L3 Applied Science – Applied experimental techniques	L2 Combined Science: Synergy – Explaining change, Building blocks for understanding, Interactions over small and large distances,	L3 Applied Science – Science in the modern world	L2 Combined Science: Synergy - Movement and interactions, Guiding Spaceship Earth towards a sustainable future, Key ideas			
Link to spec / sow	http://filestore.aqa.org.uk/resources/science/specifications/AQA-TVQ01028-TVQ01029-SP-2016.PDF http://filestore.aqa.org.uk/resources/science/specifications/AQA-8465-SP-2016.PDF								
Year 13	Bio - Energy transfers in and between	Chem – Physical chemistry and Organic chemistry	Phys- Further mechanics and thermal physics	Bio - Genetics, populations, evolution and	Chem – Transition elements and	Phys - Nuclear physics	Bio - The control of gene	Chem – Organic chemistry and analysis	Phys - Astrophysics

	organisms and Organisms respond to changes in their internal and external environments		and Fields and their consequences	ecosystems	organic chemistry		expression		
Link to spec / sow	http://filestore.aqa.org.uk/resources/biology/specifications/AQA-7401-7402-SP-2015.PDF http://filestore.aqa.org.uk/resources/physics/specifications/AQA-7407-7408-SP-2015.PDF								
Year 13 L3 courses	L3 Applied Science – The Human Body	L3 BTEC Applied Science – Physiology of human body systems	L3 Applied Science – Investigating Science	L3 BTEC Applied Science – Chemical Laboratory Techniques	L3 Applied Science – Organic Chemistry	L3 BTEC Applied Science - Astronomy			
Link to spec / sow	http://filestore.aqa.org.uk/resources/science/specifications/AQA-TVQ01028-TVQ01029-SP-2016.PDF http://qualifications.pearson.com/content/dam/pdf/BTEC-Nationals/Applied-Science/2010/Specification/9781446934715_BTEC_90c_L3_AppSci_Iss3.pdf								
Links to useful websites									