

Department Curriculum for Science

	Exam Board & Specification	Half term 1 (Autumn)	Half term 2 (Autumn)	Half term 3 (Spring)	Half term 4 (Spring)	Half term 5 (Summer)	Half term 6 (Summer)
Year 7 Key stage 3	Ark Science Mastery	Cells Particles	Particles Forces	Reproduction Atoms, Elements & Compounds	Atoms, Elements & Compounds Space	Interdependence Mixtures	Energy Electric Circuits (Current & P.D.)
Year 8 Key stage 3	Ark Science Mastery	Tissues and Organs Acids & Alkalis	Acids & Alkalis Movement & Pressure	Respiration & Photosynthesis Changing Substances	Magnetism Life Diversity	Earth Systems Electric Circuits (Resistance)	Electric Circuits (Resistance) Light
Year 9 Key Stage 3	Ark Science Mastery	Year 8 consolidation Growth & Differentiation	Growth & Differentiation The Periodic Table	Acceleration Human Interaction	Introduction to Quantitative Chemistry Heating	Genetics Using resources	Sound & Waves Home Electricity
Year 10 Key Stage 4	Ark Science Mastery	Year 9 consolidation Digestive System	Digestive System Circulation & Respiration	Circulation & Respiration Plant & Material cycling	Plant & Material cycling Health & Disease	Health & Disease Ecology	Ecology
		Year 9 consolidation Structure & Bonding	Structure & Bonding Extraction of Metals	Extraction of Metals	Quantitative Chemistry	Quantitative Chemistry Energy Changes	Energy Changes
		Year 9 consolidation Matter	Matter Energy Conservation	Energy Conservation	Electric circuits	Electric Circuits Radioactivity	Radioactivity
	Ark Science Mastery	Year 9 consolidation Digestive System	Digestive System Circulation & Respiration	Circulation & Respiration Plant & Material cycling	Plant & Material cycling Health & Disease	Health & Disease Ecology	Ecology

	Ark Science Mastery	Year 9 consolidation Structure & Bonding	Structure & Bonding Extraction of Metals	Extraction of Metals	Quantitative Chemistry	Quantitative Chemistry Energy Changes	Energy Changes	
	Ark Science Mastery	Year 9 consolidation Matter	Matter Energy Conservation	Energy Conservation	Electric circuits	Electric Circuits Radioactivity	Radioactivity	
Year 11 Key stage 4	AQA GCSE Combined Science	Homeostasis	Variation	Variation	Ecology	Revision	Exams	
		Rate & Extent of Chemical Change	Organic Chemistry 1	Chemical Analysis Chemistry of the Atmosphere	Chemistry of the Atmosphere Using Resources	Revision	Exams	
		Electricity	Electricity	Magnetism & Electromagnetism	Magnetism & Electromagnetism	Revision	Exams	
	AQA GCSE Biology	Variation	Variation	Ecology	Ecology	Revision	Exams	
	AQA GCSE Chemistry	Rate & Extent of Chemical Change	Organic Chemistry 1	Organic Chemistry 2	Chemistry of the Atmosphere	Chemistry of the Atmosphere	Revision	Exams
		Organic Chemistry 1	Chemical Analysis	Chemistry of the Atmosphere	Using Resources	Using Resources		
	AQA GCSE Physics	Electricity	Electricity	Magnetism & Electromagnetism	Space	Revision	Exams	