

Topic	Read	Watch	Listen	Stretch – this topic might not be on the specification, but might be interesting for WIDER knowledge
B1: Cell Level Systems	https://www.bbc.co.uk/bitesize/topics/zvrrd2p	https://www.bbc.co.uk/bitesize/topics/zvrrd2p/resources/1	https://www.bbc.co.uk/sounds/play/p09y6r2s	Explore the use of stem cells in medical research and therapy.
B2: Scaling Up	https://www.bbc.co.uk/bitesize/topics/z3wppv4	https://www.bbc.co.uk/bitesize/topics/z3wppv4/resources/1	https://www.bbc.co.uk/sounds/play/p09y6r2t	Investigate how diffusion and osmosis are applied in dialysis treatment.
B3: Organism Level Systems	https://www.bbc.co.uk/bitesize/topics/zvrrd2p	https://www.bbc.co.uk/bitesize/topics/zvrrd2p/resources/1	https://www.bbc.co.uk/sounds/play/p09y6r2v	Explore the impact of hormones on human behavior and mood.
B4: Community Level Systems	https://www.bbc.co.uk/bitesize/topics/zxfrwmn	https://www.bbc.co.uk/bitesize/topics/zxfrwmn/resources/1	https://www.bbc.co.uk/sounds/play/p09y6r2w	Investigate the effects of invasive species on local ecosystems.
B5: Genes, Inheritance and Selection	https://www.bbc.co.uk/bitesize/topics/zxfrwmn	https://www.bbc.co.uk/bitesize/topics/zxfrwmn/resources/1	https://www.bbc.co.uk/sounds/play/p09y6r2x	Explore the ethical considerations of genetic engineering.
B6: Global Challenges	https://www.bbc.co.uk/bitesize/topics/zxfrwmn	https://www.bbc.co.uk/bitesize/topics/zxfrwmn/resources/1	https://www.bbc.co.uk/sounds/play/p09y6r2y	Investigate the role of biotechnology in sustainable agriculture.
C1: Particles	https://www.bbc.co.uk/bitesize/topics/zsryp4j	https://www.bbc.co.uk/bitesize/topics/zsryp4j/resources/1	https://www.bbc.co.uk/sounds/play/p09y6r2z	Explore the development of the atomic model through history.
C2: Elements, Compounds and Mixtures	https://www.bbc.co.uk/bitesize/topics/zsryp4j	https://www.bbc.co.uk/bitesize/topics/zsryp4j/resources/1	https://www.bbc.co.uk/sounds/play/p09y6r30	Investigate the use of chromatography in forensic science.
C3: Chemical Reactions	https://www.bbc.co.uk/bitesize/topics/zsryp4j	https://www.bbc.co.uk/bitesize/topics/zsryp4j/resources/1	https://www.bbc.co.uk/sounds/play/p09y6r31	Explore the role of catalysts in industrial chemical processes.

	j			
C4: Predicting and Identifying Reactions and Products	: BBC Bitesize - Predicting and identifying reactions	BBC Bitesize Videos - C4	<ul style="list-style-type: none"> • BBC Bitesize Podcast - Chemical Changes 	Explore how spectroscopy is used to identify elements in space and in forensic science.
C5: Monitoring and Controlling Chemical Reactions	<ul style="list-style-type: none"> • BBC Bitesize - Monitoring reactions 	BBC Bitesize Videos - C5	BBC Bitesize Podcast - Chemical Changes	Investigate how exothermic and endothermic reactions are used in instant heat packs and cold packs
C6: Global Challenges	: BBC Bitesize - Global chemical challenges	BBC Bitesize Videos - C6	BBC Bitesize Podcast - Sustainable Chemistry	Explore sustainable development in chemistry—e.g., green chemistry and recycling metals
P1: Matter	https://www.bbc.co.uk/bitesize/topics/z8r2dmn	https://www.bbc.co.uk/bitesize/topics/z8r2dmn/resources/1	https://www.bbc.co.uk/sounds/play/p09y6r32	Explore how the particle model explains changes of state and gas pressure.
P2: Forces	https://www.bbc.co.uk/bitesize/topics/zvhvhw/resources/1	https://www.bbc.co.uk/bitesize/topics/zvhvhw/resources/1	https://www.bbc.co.uk/sounds/play/p09y6r33	Investigate how airbags and crumple zones reduce forces in car crashes.
P3: Electricity and Magnetism	https://www.bbc.co.uk/bitesize/topics/z4mn39	https://www.bbc.co.uk/bitesize/topics/z4mn39/resources/1	https://www.bbc.co.uk/sounds/play/p09y6r34	Explore the use of electromagnets in everyday devices like relays and MRI machines.
P4: Waves	https://www.bbc.co.uk/bitesize/topics/zyqrdxs	https://www.bbc.co.uk/bitesize/topics/zyqrdxs/resources/1	https://www.bbc.co.uk/sounds/play/p09y6r35	Investigate how ultrasound is used in medical imaging and sonar.
P5: Radioactive Materials	https://www.bbc.co.uk/bitesize/topics/zt3dj6f	https://www.bbc.co.uk/bitesize/topics/zt3dj6f/resources/1	https://www.bbc.co.uk/sounds/play/p09y6r36	Explore the use of radioactive tracers in medicine and industry.

P6: Global Challenges	https://www.bbc.co.uk/bitesize/topics/z84qkty	https://www.bbc.co.uk/bitesize/topics/z84qkty/resources/1	https://www.bbc.co.uk/sounds/play/p09y6r37	Investigate the impact of renewable energy sources on global electricity production.