

Year 10 PPE w/c 27/6/22
Revision list

Topic	Key content / links to BBC Bitesize
Cell Biology	<ul style="list-style-type: none"> • Cell structure • Cell division • Transport in cells https://www.bbc.co.uk/bitesize/topics/z2mttv4
Organisation	<ul style="list-style-type: none"> • Principles of organisation • Animal tissues, organs and organ systems • Plant tissues, organs and organ systems https://www.bbc.co.uk/bitesize/topics/zwj22nb
Infection and response	<ul style="list-style-type: none"> • Communicable diseases https://www.bbc.co.uk/bitesize/topics/z9kww6f
Bioenergetics	<ul style="list-style-type: none"> • Photosynthesis • Respiration https://www.bbc.co.uk/bitesize/topics/zgr997h
Atomic structure and the periodic table	<ul style="list-style-type: none"> • A simple model of the atom, symbols, relative atomic mass, electronic charge and isotopes • The periodic table https://www.bbc.co.uk/bitesize/topics/zcckk2p
Bonding, structure and the properties of matter	<ul style="list-style-type: none"> • Chemical bonds, ionic, covalent and metallic • How bonding and structure are related to the properties of substances • Structure and bonding of carbon https://www.bbc.co.uk/bitesize/topics/z33rrwx
Quantitative chemistry	<ul style="list-style-type: none"> • Chemical measurements, conservation of mass and interpretation of chemical equations • Uses of amount of substance in relation to masses of pure substances https://www.bbc.co.uk/bitesize/topics/zsnny4j
Chemical changes	<ul style="list-style-type: none"> • Reactivity of metals • Reactions of acids • Electrolysis https://www.bbc.co.uk/bitesize/topics/zt6ppbk
Energy changes	<ul style="list-style-type: none"> • Exothermic and endothermic reactions https://www.bbc.co.uk/bitesize/topics/z27xxfr
Energy	<ul style="list-style-type: none"> • Energy changes in a system, and the ways energy is stored before and after such changes • Conservation and dissipation of energy • National and global energy resources https://www.bbc.co.uk/bitesize/topics/z89ddxs

Electricity	<ul style="list-style-type: none">● Current, potential difference and resistance● Series and parallel circuits● Domestic used and safety● Energy transfers https://www.bbc.co.uk/bitesize/topics/zcg44qt
Particle model of matter	<ul style="list-style-type: none">● Changes of state and the particle model● Internal energy and energy transfers● Particle model and pressure https://www.bbc.co.uk/bitesize/topics/z3ybb82
Atomic structure and nuclear physics	<ul style="list-style-type: none">● Atoms and isotopes● Atoms and nuclear radiation https://www.bbc.co.uk/bitesize/topics/zshssrd