

Year 10 Combined Science Spring 1 Assessment 30-1-23 & 6-2-23

Biology Paper 1

Topic	BBC Bitesize / Video link
Cell Biology	https://www.bbc.co.uk/bitesize/topics/z2mttv4
Organisation	https://www.bbc.co.uk/bitesize/topics/zwj22nb
Infection and response	https://www.bbc.co.uk/bitesize/topics/z9kww6f
Bioenergetics	https://www.bbc.co.uk/bitesize/topics/zgr997h
Required Practicals	
Microscopy	https://www.youtube.com/watch?v=SX6mow1AExI
Osmosis	https://www.youtube.com/watch?v=ef2Ts2AKhq8
Food tests	https://www.youtube.com/watch?v=SqWTJWOBww4
Enzymes	https://www.youtube.com/watch?v=8Yqbu56lmXk&t=190s
Photosynthesis	https://www.youtube.com/watch?v=id0aO_OdFwA&t=1s

Chemistry Paper 1

Topic	BBC Bitesize / Video link
Atomic structure and the periodic table	https://www.bbc.co.uk/bitesize/topics/zcckk2p
Bonding structure and the properties of matter	https://www.bbc.co.uk/bitesize/topics/z33rrwx
Quantitative chemistry	https://www.bbc.co.uk/bitesize/topics/zsnyy4j
Chemical changes	https://www.bbc.co.uk/bitesize/topics/zt6ppbk
Required Practicals	
Making salts	https://www.youtube.com/watch?v=9GH95172Js8
Electrolysis	https://www.youtube.com/watch?v=tCHE_7QeRUc&t=11s

Physics paper 1

Topic	BBC Bitesize / Video link
Energy	https://www.bbc.co.uk/bitesize/topics/z89ddxs
Electricity	https://www.bbc.co.uk/bitesize/topics/zcg44qt
Particle model of matter	https://www.bbc.co.uk/bitesize/topics/z3ybb82
Atomic structure	https://www.bbc.co.uk/bitesize/topics/zshssrd
Required Practicals	
Specific heat capacity	https://www.youtube.com/watch?v=loeRLKNeUsc
Resistance	https://www.youtube.com/watch?v=m_3JrA-sDEg&t=361s
Current - Voltage characteristics	https://www.youtube.com/watch?v=ksPfzUjMbBk&t=23s
Density	https://www.youtube.com/watch?v=ScXOp8Zph28