

| Subject | Topics for revision   | Seen | Unseen | Notes   |
|---------|---|------|--------|---|
| Science | <u>Biology</u>  |      | x      | <a href="https://www.satchelone.com/homeworks/48865296">https://www.satchelone.com/homeworks/48865296</a> |
|         | <ul style="list-style-type: none"> <li>Eukaryotes and prokaryotes</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z2mttv4">https://www.bbc.co.uk/bitesize/topics/z2mttv4</a> |
|         | <ul style="list-style-type: none"> <li>Animal, plant and stem cells</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z2mttv4">https://www.bbc.co.uk/bitesize/topics/z2mttv4</a> |
|         | <ul style="list-style-type: none"> <li>Plant tissues and organ systems</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z2mttv4">https://www.bbc.co.uk/bitesize/topics/z2mttv4</a> |
|         | <ul style="list-style-type: none"> <li>Cell specialization and differentiation</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z2mttv4">https://www.bbc.co.uk/bitesize/topics/z2mttv4</a> |
|         | <ul style="list-style-type: none"> <li>Microscopy</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z2mttv4">https://www.bbc.co.uk/bitesize/topics/z2mttv4</a> |
|         | <ul style="list-style-type: none"> <li>Chromosomes</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z2mttv4">https://www.bbc.co.uk/bitesize/topics/z2mttv4</a> |
|         | <ul style="list-style-type: none"> <li>Mitosis and the cell cycle</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z2mttv4">https://www.bbc.co.uk/bitesize/topics/z2mttv4</a> |
|         | <ul style="list-style-type: none"> <li>Diffusion, osmosis, active transport</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z2mttv4">https://www.bbc.co.uk/bitesize/topics/z2mttv4</a> |
|         | <ul style="list-style-type: none"> <li>Digestive system and enzymes</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zwj22nb">https://www.bbc.co.uk/bitesize/topics/zwj22nb</a> |
|         | <ul style="list-style-type: none"> <li>The heart, blood and blood vessels</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zwj22nb">https://www.bbc.co.uk/bitesize/topics/zwj22nb</a> |
|         | <ul style="list-style-type: none"> <li>Lungs and gas exchange</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zwj22nb">https://www.bbc.co.uk/bitesize/topics/zwj22nb</a> |
|         | <ul style="list-style-type: none"> <li>Non-communicable disease: heart disease, lifestyle and disease, cancer</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zwj22nb">https://www.bbc.co.uk/bitesize/topics/zwj22nb</a> |
|         | <ul style="list-style-type: none"> <li>Communicable disease in animals and plants: bacteria (salmonella, gonorrhoea), viruses (measles, HIV, tobacco mosaic), fungi (rose black spot) and protists (malaria)</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z9kww6f">https://www.bbc.co.uk/bitesize/topics/z9kww6f</a> |
|         | <ul style="list-style-type: none"> <li>White blood cell responses</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z9kww6f">https://www.bbc.co.uk/bitesize/topics/z9kww6f</a> |
|         | <ul style="list-style-type: none"> <li>Vaccinations</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z9kww6f">https://www.bbc.co.uk/bitesize/topics/z9kww6f</a> |
|         | <ul style="list-style-type: none"> <li>Antibiotics and painkillers</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z9kww6f">https://www.bbc.co.uk/bitesize/topics/z9kww6f</a> |
|         | <ul style="list-style-type: none"> <li>Discovery and development of drugs</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z9kww6f">https://www.bbc.co.uk/bitesize/topics/z9kww6f</a> |
|         | <ul style="list-style-type: none"> <li>Photosynthesis and factors affecting rate</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zgr997h">https://www.bbc.co.uk/bitesize/topics/zgr997h</a> |
|         | <ul style="list-style-type: none"> <li>Use of glucose from photosynthesis</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zgr997h">https://www.bbc.co.uk/bitesize/topics/zgr997h</a> |
|         | <ul style="list-style-type: none"> <li>Respiration</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zgr997h">https://www.bbc.co.uk/bitesize/topics/zgr997h</a> |
|         | Body responses to exercise  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zgr997h">https://www.bbc.co.uk/bitesize/topics/zgr997h</a> |
|         | <u>Chemistry</u>  |      | x      | <a href="https://www.satchelone.com/homeworks/48865435">https://www.satchelone.com/homeworks/48865435</a> |
|         | <ul style="list-style-type: none"> <li>Atoms, elements, compounds and mixtures</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zcckk2p">https://www.bbc.co.uk/bitesize/topics/zcckk2p</a> |
|         | <ul style="list-style-type: none"> <li>Development of the atom and Periodic Table</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zcckk2p">https://www.bbc.co.uk/bitesize/topics/zcckk2p</a> |
|         | <ul style="list-style-type: none"> <li>Atomic number, mass, electronic structure</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zcckk2p">https://www.bbc.co.uk/bitesize/topics/zcckk2p</a> |
|         | <ul style="list-style-type: none"> <li>Organisation of elements on Periodic Table (metals, non-metals, Group 1, 7 and 0)</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zcckk2p">https://www.bbc.co.uk/bitesize/topics/zcckk2p</a> |
|         | <ul style="list-style-type: none"> <li>Ionic, covalent and metallic bonding</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z33rrwx">https://www.bbc.co.uk/bitesize/topics/z33rrwx</a> |
|         | <ul style="list-style-type: none"> <li>Structures: giant ionic, giant covalent(diamond, graphite, fullerenes, graphene), simple molecular, metallic, polymers</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z33rrwx">https://www.bbc.co.uk/bitesize/topics/z33rrwx</a> |
|         | <ul style="list-style-type: none"> <li>States of matter</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z33rrwx">https://www.bbc.co.uk/bitesize/topics/z33rrwx</a> |
|         | <ul style="list-style-type: none"> <li>Conservation of mass, relative formula mass, balancing equations, moles(higher)</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zsnyy4j">https://www.bbc.co.uk/bitesize/topics/zsnyy4j</a> |
|         | <ul style="list-style-type: none"> <li>Concentration of solutions</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zsnyy4j">https://www.bbc.co.uk/bitesize/topics/zsnyy4j</a> |
|         | <ul style="list-style-type: none"> <li>Reactivity of metals: metal oxides, reactivity series, extraction of metals (iron using the blast furnace and aluminium using electrolysis), acids and metals, pH scale and neutralization reactions, soluble salts, strong and weak acids (Higher)</li> </ul> |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zt6ppbk">https://www.bbc.co.uk/bitesize/topics/zt6ppbk</a> |
|         | <ul style="list-style-type: none"> <li>Electrolysis of molten and aqueous solutions</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zt6ppbk">https://www.bbc.co.uk/bitesize/topics/zt6ppbk</a> |
|         | <ul style="list-style-type: none"> <li>Half equations at electrodes (higher)</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zt6ppbk">https://www.bbc.co.uk/bitesize/topics/zt6ppbk</a> |
|         | Endothermic and exothermic reactions, bond energy calculations (higher), reaction profiles  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z27xxfr">https://www.bbc.co.uk/bitesize/topics/z27xxfr</a> |
|         | <u>Physics</u>  |      | x      | <a href="https://www.satchelone.com/homeworks/48865628">https://www.satchelone.com/homeworks/48865628</a> |
|         | <ul style="list-style-type: none"> <li>Changes in energy + all relevant equations: kinetic energy, elastic potential (in a spring), gravitational potential energy, specific heat capacity</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z89ddxs">https://www.bbc.co.uk/bitesize/topics/z89ddxs</a> |
|         | <ul style="list-style-type: none"> <li>Power (in relation to work done/energy transferred) + relevant equations</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z89ddxs">https://www.bbc.co.uk/bitesize/topics/z89ddxs</a> |
|         | <ul style="list-style-type: none"> <li>Efficiency (+ equation) and ways to reduce wasted energy</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z89ddxs">https://www.bbc.co.uk/bitesize/topics/z89ddxs</a> |
|         | <ul style="list-style-type: none"> <li>Environmental issues arising from using energy sources (e.g. air pollution)</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z89ddxs">https://www.bbc.co.uk/bitesize/topics/z89ddxs</a> |
|         | <ul style="list-style-type: none"> <li>Renewable and non-renewable energy resources</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z89ddxs">https://www.bbc.co.uk/bitesize/topics/z89ddxs</a> |
|         | <ul style="list-style-type: none"> <li>Circuit components and diagrams</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zcg44qt">https://www.bbc.co.uk/bitesize/topics/zcg44qt</a> |
|         | <ul style="list-style-type: none"> <li>Charge and current + equation</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zcg44qt">https://www.bbc.co.uk/bitesize/topics/zcg44qt</a> |
|         | <ul style="list-style-type: none"> <li>Current, resistance and potential difference and factors that affect them</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zcg44qt">https://www.bbc.co.uk/bitesize/topics/zcg44qt</a> |
|         | <ul style="list-style-type: none"> <li>Voltage-current graphs for a diode, ohmic resistor and filament bulb</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zcg44qt">https://www.bbc.co.uk/bitesize/topics/zcg44qt</a> |
|         | <ul style="list-style-type: none"> <li>Thermistors and LDRs</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zcg44qt">https://www.bbc.co.uk/bitesize/topics/zcg44qt</a> |
|         | <ul style="list-style-type: none"> <li>Series and parallel circuits</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zcg44qt">https://www.bbc.co.uk/bitesize/topics/zcg44qt</a> |
|         | <ul style="list-style-type: none"> <li>Direct and alternating current</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zcg44qt">https://www.bbc.co.uk/bitesize/topics/zcg44qt</a> |
|         | <ul style="list-style-type: none"> <li>Wiring a plug (3-core cables)</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zcg44qt">https://www.bbc.co.uk/bitesize/topics/zcg44qt</a> |
|         | <ul style="list-style-type: none"> <li>Power in relation to electrical appliances including equation</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zcg44qt">https://www.bbc.co.uk/bitesize/topics/zcg44qt</a> |
|         | <ul style="list-style-type: none"> <li>Charge + equation</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zcg44qt">https://www.bbc.co.uk/bitesize/topics/zcg44qt</a> |
|         | <ul style="list-style-type: none"> <li>National Grid</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zcg44qt">https://www.bbc.co.uk/bitesize/topics/zcg44qt</a> |
|         | <ul style="list-style-type: none"> <li>Density + equation</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/z3ybb82">https://www.bbc.co.uk/bitesize/topics/z3ybb82</a> |
|         | <ul style="list-style-type: none"> <li>Atoms and isotopes</li> </ul>  |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zshssrd">https://www.bbc.co.uk/bitesize/topics/zshssrd</a> |
|         | <ul style="list-style-type: none"> <li>Alpha, beta, gamma radiation including half lives</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zshssrd">https://www.bbc.co.uk/bitesize/topics/zshssrd</a> |
|         | <ul style="list-style-type: none"> <li>Nuclear equations</li> </ul>   |      |        | <a href="https://www.bbc.co.uk/bitesize/topics/zshssrd">https://www.bbc.co.uk/bitesize/topics/zshssrd</a> |