



<b>Organising a body</b>		R	A	G
I can identify the parts of a nerve cell				
I can state the stages of the nervous response process				
I can recall what fat, protein and carbohydrates are needed for in the body				
I can describe the process of digestion of a substrate such as protein and its absorption into the body				
<b>History of atoms and the periodic table</b>		R	A	G
I know the relative masses of the subatomic particles and where they are found in the atom				
I can use the atomic number and mass number to calculate the number of protons, neutrons and electrons in an atom				
I know what an isotope is				
I can identify the elements that are in group 1 and group 7 of the periodic table				
I know that the modern periodic table is ordered by atomic number				
I can compare the modern periodic table with old versions as the periodic table was being developed and identify similarities and differences between them				
I can describe differences between the plum pudding model of the atom and the nuclear model				

<b>Energy</b>		R	A	G
I can identify ways that energy can be stored and transferred				
I can use the equation work done = force x distance moved in direction of force				
I can describe the process of how energy transfers between energy stores in a coal fired power station				
I can state some advantages of using wind power over a coal power station				

<b>Electricity</b>		R	A	G
I can identify circuit symbols for the main components of electrical circuits				



I can state how the resistance increases as resistors are added in series in a circuit				
I can use my knowledge of how potential difference is divided in a series circuit to identify values of potential difference across resistors				

<b>Structures and bonding</b>		R	A	G
I know that a covalent bond involves electrons being shared				
I know that an ionic bond is formed when electrons are transferred from one atom to another to form a positive ion and a negative ion which then attract				
I can identify some common small molecules which contain covalent bonds				
I know that covalent bonds can be shown as lines				
I can describe the process whereby an ionic bond is formed				

Resources required for revision

Exercise books

Topic booklets including – Checklists, Key knowledge questions and practice exam questions

Suggested websites

<https://www.bbc.co.uk/bitesize/guides/z89mk2p/revision/1>

<https://www.bbc.co.uk/bitesize/guides/z2374qt/revision/1>

<https://www.bbc.co.uk/bitesize/topics/zcckk2p>

<https://www.bbc.co.uk/bitesize/guides/ztc6w6f/revision/1>

<https://www.bbc.co.uk/bitesize/guides/z373h39/revision/1>

<https://www.bbc.co.uk/bitesize/guides/zskp7p3/revision/1>

<https://www.bbc.co.uk/bitesize/guides/z8pk3k7/revision/1>

<https://www.bbc.co.uk/bitesize/guides/zgva4qt/revision/1>