

Question	Unit	
1	BW1	<p>Draw and label diagrams of plant and animal cells</p> <p>State the functions of each structure within each cell</p> <p>Name the stains used during the preparation of the animal and plant cells</p> <p>List difference between animal and plant cells</p>
2	CW2	<p>Draw a particle diagram to represent the arrangement of particles in a solid, liquid and gas</p> <p>Name the processes involved in changes of state. For example, what happens when a solid changes to a liquids? It melts etc.</p>
3	ES1	<p>Define what is meant by a celestial object</p> <p>Distinguish between a solar system and a galaxy</p> <p>Define what is meant by a planet, star, moon and asteroid</p>
4 & 5	BW4	<p>Give a function of the mouth, nose, larynx, trachea, bronchioles and alveoli</p> <p>Label a blank diagram of the respiratory system</p> <p>Describe what happens during inhalation and exhalation</p> <p>What are the adaptations of the alveoli that allow for gas exchange to happen</p>
6	BW4	<p>What is the difference between physical and chemical digestion</p> <p>Where does physical and chemical digestion take place</p> <p>What does amylase act on?</p> <p>List the functions of the organs associated with the digestive system (Liver, stomach etc.)</p>
7	CW3	<p>Define what is meant by an atom, atomic number and mass number</p>

		<p>List the charge and mass of protons, neutrons and electrons</p> <p>Given the atomic and mass number of an element, calculate the number of protons, neutrons and electrons it has</p> <p>Draw the bohr model of an atom of an element given the atomic and mass numbers</p>
8	BW4	<p>Name the main components of the blood</p> <p>Give functions of red blood cells, white blood cells and platelets</p> <p>Label a blank diagram of the heart with the following labels: vena cava, pulmonary artery, pulmonary vein, aorta, right atrium right ventricle, left atrium, left ventricle and septum</p> <p>Describe a difference between arteries and veins</p> <p>What are valves used for?</p> <p>What is the difference between oxygenated and deoxygenated blood?</p> <p>Describe what you did to test the effect of exercise on pulse rate</p>
9	ES1, ES2 & ES8	<p>Define what is meant by a planet, star, moon and asteroid</p> <p>Name a model or theory used to explain the origin of the universe (The Big Bang Theory)</p> <p>Outline two pieces of evidence that support this model</p>