

Home learning menu – Year 9

Class	Biology	Chemistry	Physics	Activities, links and instructions
Extension Science groups	<p>The study of non communicable diseases including cancer, diabetes and obesity.</p> <p>Later to move to studying plant organs including the leaves. Later to learn how the leaves, in carrying out gas exchange accidentally lose water.</p>	<p>The Earth's atmosphere including the entire history of our atmosphere and how modern changes are contributing to global warming.</p> <p>Group 2 will later to move to what metals look like if we had a microscope powerful enough to see the atoms in it, special materials called fullerene and graphene, and very tiny particles called nanoparticles but group 1 will continue with this after the half term.</p>	<p>An interesting look at radioactive matter, including Rutherford's findings, the different types of radiation and the difference between fission and fusion.</p> <p>Later to move onto density, states of matter and how the particles in them respond to heat and pressure.</p>	Lesson details to be posted on Microsoft teams every lesson
Year 9 core classes 9JK1 9JK2 9JK3 9JK4 9JK5 9L1 9L2 9L3 9L4	<p>The study of non communicable diseases including cancer, diabetes and obesity.</p> <p>Later to move to the study of animal organs and their functions, including the heart and lungs</p>	<p>The Earth's atmosphere including the entire history of our atmosphere and how modern changes are contributing to global warming.</p> <p>Many classes will later move on to explaining the properties of atoms, including how they behave in solids, liquids and gases and how their structure changes when one atom reacts with another. 9JK4, 9L2 and 9L3 will continue with</p>	<p>An interesting look at radioactive matter, including Rutherford's findings and the different types of radiation .</p> <p>Later to move onto energy resources, including wind power, hydroelectric power and solar power, and how the use of energy resources affect our environment</p>	Lesson details to be posted on Microsoft teams every lesson

		these topics after February half term.		
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