



	Units	Assessment	Homework
Autumn	Communicable Diseases Introduction to the spread of disease and hygiene using laboratory techniques to grow and test bacterial cultures safely.	End of Unit Test Required practical (RP) – investigating disinfectants and antibiotics.	Broadsheet
	Separation Techniques Re-cap on the basic principles of separation techniques. In depth study of chromatography including calculations of Rf values.	End of Unit Test Required practical (RP)- chromatography	Broadsheet
	Key Ideas in GCSE Physics An introduction to the key themes which will be covered by the GCSE Physics Course.	End of Unit Test <i>Literacy task</i> Mid-Year Exam	Broadsheet
Spring	Non-communicable diseases Following on from communicable disease to investigate the risk factors and causes of non transferrable diseases such as heart disease.	End of Unit Test Literacy task—Cholesterol	Broadsheet
	Earth's resources Water treatment, renewable & non-renewable resources, reduce, reuse and recycle and life cycle assessments	End of Unit Test Required practical (RP)- desalination of water	Broadsheet
	Energy Resources Students will find out where we get our energy from, evaluate different sources of energy, and research alternatives.	End of Unit Test Context questions End of Year Exam	Broadsheet

Summer	<p>Biodiversity & ecosystems</p> <p>Looking at the effects of humans on the planet covering such topics as biodiversity, deforestation, acid rain and habitat protection.</p>	<p>End of Unit Test</p> <p>Literacy Task – Deforestation</p> <p>Context Question – Effects of increasing human population</p>	Broadsheet
	<p>Earth's atmosphere</p> <p>The carbon cycle, greenhouse gases and the greenhouse effect and atmospheric pollutants. Reading chemical formulae and balancing equations.</p>	<p>End of Unit Test</p> <p>Literacy task (RLit) – controlling atmospheric pollutants</p>	Broadsheet
	<p>Forces in Balance & Motion</p> <p>Students will learn about how to draw and calculate the forces acting on objects. They will analyse and explain how objects move and <i>accelerate</i>.</p>	<p>End of Unit Test</p> <p>Required Practical: Extension of a Spring</p>	Broadsheet