






YEAR 9 CURRICULUM INFORMATION - Biology

	Summer 1	Summer 2
What will students be learning?	<ol style="list-style-type: none"> <li>1. Lung dissection</li> <li>2. Health and lifestyle</li> <li>3. Cancer</li> <li>4. Required practical – Food tests (Catch up)</li> <li>5. Required practical – Enzymes (Catch up)</li> </ol>	<ol style="list-style-type: none"> <li>1. Tissues and organization in plants</li> <li>2. Plant transport systems</li> <li>3. Photosynthesis</li> <li>4. Respiration</li> <li>5. Exercise and metabolism</li> </ol>
How will students be assessed?	Weekly Knowledge Checks Low stakes quiz in lessons Exam Q practice Mid topic milestone End of topic milestone	Weekly Knowledge Checks Low stakes quiz in lessons Exam Q practice Mid topic milestone End of topic milestone
Literacy – What keywords	Absorption, epithelium, trachea, alveoli, gradient, breathing, circulation, blood, artery, vein, capillary, heart, pacemaker, CHD, stent, statin, transplant, non-communicable, health, cancer, malignant, benign, transpiration, translocation, photosynthesis, stomata, cohesion, osmosis, diffusion, active transport.	Transpiration, translocation, photosynthesis, stomata, cohesion, osmosis, diffusion, active transport, photosynthesis, limiting factors, starch, iodine, optimum, aerobic respiration, anaerobic respiration, lactic acid, metabolism, heart rate, breathing volume, oxygen debt.
What employability skills are being developed?	Interpersonal skills Group work Logical and lateral thinking Developing links between topics and ideas Investigative skills Analytical skills	Interpersonal skills Group work Logical and lateral thinking Developing links between topics and ideas Investigative skills Analytical skills

Wider Curriculum Links?	<p>GCSE Links Maths links Child development Food technology PE</p>	<p>GCSE Links Maths links Child development Food technology Geography PE</p>
What useful websites are there for this topic?	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p><a href="#">Free Science Lessons</a></p> </div> <div style="text-align: center;">  <p><a href="#">Primrose Kitten</a></p> </div> <div style="text-align: center;">  <p><a href="#">GCSE Pod</a></p> </div> <div style="text-align: center;">  <p><a href="#">Miss Estruch</a></p> </div> <div style="text-align: center;">  <p><a href="#">Oak National Academy</a></p> </div> </div>	
What wider reading could be done for this topic?	<p>BBC news – Health and medicine sections Khan Academy</p>	<p>BBC news – Health and medicine sections Khan Academy</p>
What else can students be doing independently to develop their understanding of this topic?	<p>Exam Question Practice (matches the revision guides on ParentPay): Collins AQA GCSE 9-1 Biology Workbook</p> <p>Exam Question Practice (Separate Higher Tier): CGP GCSE Biology AQA Exam Practice Workbook – Higher</p> <p>Exam Question Practice (Combined Higher Tier): CGP GCSE Combined Science AQA Exam Practice Workbook – Higher</p> <p>Exam Question Practice (Separate Foundation Tier): CGP GCSE Biology AQA Exam Practice Workbook – Foundation</p> <p>Exam Question Practice (Combined Foundation Tier): CGP GCSE Combined Science AQA Exam Practice Workbook - Foundation</p>	