






YEAR 10 CURRICULUM INFORMATION - Biology

	Summer 1	Summer 2
What will students be learning?	<ol style="list-style-type: none"> 1. Communities 2. Ecosystems and competition 3. Adaptation 4. Food chains, webs and biomass 5. Sampling methods 6. Required practical – Sampling 	<ol style="list-style-type: none"> 1. Material cycling 2. Decomposition 3. Required practical – decay 4. Biodiversity and global warming 5. Farming and fishing 6. Microbes and food production
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	Ecosystem, community, competition, habitat, interdependence, biotic, abiotic, adaptation, extremophile, biomass, carbon cycle, water cycle, deforestation, global warming, radiate, decay, microorganism, biodiversity, greenhouse effect, mycoprotein, biogas.	Ecosystem, community, competition, habitat, interdependence, biotic, abiotic, adaptation, extremophile, biomass, carbon cycle, water cycle, deforestation, global warming, radiate, decay, microorganism, biodiversity, greenhouse effect, mycoprotein, biogas.
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 Geography History</p>	<p>GCSE Links Maths links Geography History</p>
What useful websites are there for this topic?	<p>  Free Science Lessons </p>	<p>  Primrose Kitten </p> <p>  GCSE Pod </p> <p>  Miss Estruch </p> <p>  Oak National Academy </p>
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>	