

Subject	Year	Term
GCSE Science	11	2
Topic		
11B3 – Homeostasis		
Content (Intent)		
<b>Prior Learning (Topic) Year 9:</b> B1 – Cells, Year 11: 11B1 - Cells		
<ol style="list-style-type: none"> <li>1. Sexual and Asexual Reproduction and Inheritance</li> <li>2. Genetic Inheritance and Sex Determination</li> <li>3. Inherited Disorders and Embryo Screening</li> <li>4. Variation</li> <li>5. Genetic engineering</li> <li>6. Evolution and selective breeding</li> <li>7. Fossils and the evidence for evolution</li> <li>8. Extinction and Resistant Bacteria</li> </ol>		
<b>Future Learning (Topic) Year 13 Biology – Inheritance; Evolution &amp; Speciation</b>		
How will knowledge and skills be taught? (Implementation)	How will your understanding be assessed & recorded (Impact)	
<p><b>Demos</b> None</p> <p><b>Practical work</b> Optional activity circus involving “making fossils”</p> <p><b>Written</b> Notes and completed worksheets in exercise books, research tasks using fact cards.</p>	<p>- 2 x standard homeworks (Level given. Written feedback. Response expected.)</p> <p>- Assessment in the November mock exam and GCSE exams in the summer.</p>	
How can parents help at home?		
<p>Look at the topic specific resources on the VLE.</p> <p>Look at the CGP GCSE Revision guide.</p> <p>Use appropriate Youtube channels: cognito, primrosekitten, khan academy, freesciencelessons.</p> <p>Take an interest! Ask your children what they have learnt and be curious about their learning.</p>		
Helpful further reading/discussion		
<p><b>Reading</b> <i>Horrible Sciences</i> <i>newscientist.com</i> <i>catalyst-magazine.org</i></p>	<p><b>Vocabulary Lists</b> <i>DNA, allele, gene, homozygous, heterozygous, dominant, recessive, evolution, natural selection, extinction, antibiotic resistance.</i></p>	<p><b>Careers Links</b> <i>Medicine (doctor/nurse)</i> <i>Scientific Research</i> <i>Veterinary medicine</i></p>