

Subject	Year	Term
GCSE Science	1	1
Topic		
11B1 – Cells & Cell Division		
Content (Intent)		
Prior Learning (Topic) Year 9: B1 - Cells		
<ol style="list-style-type: none"> 1. Cell differentiation 2. Stem cells 3. DNA, chromosomes and the genome 4. Mitosis and the cell cycle 5. Cancer 6. Meiosis 		
Future Learning (Topic) Year 12 Biology – Cell Structure, Cells Division & Genetic Diversity		
How will knowledge and skills be taught? (Implementation)	How will your understanding be assessed & recorded (Impact)	
<p>Demos None</p> <p>Practical work None</p> <p>Written 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>Reading <i>Horrible Sciences</i> <i>newscientist.com</i> <i>catalyst-magazine.org</i></p>	<p>Vocabulary Lists <i>Differentiation, stem cells, totipotent, pluripotent, multipotent, therapeutic cloning, chromosomes, DNA, mitosis, meiosis, diploid, haploid, cancer.</i></p>	<p>Careers Links <i>Medicine (doctor/nurse)</i> <i>Scientific Research</i></p>