

Subject		Year	Term	
Biology	13		1	
		Торіс		
Photosynthesis				
Content (Intent)				
Prior Learning (Topi	c) GCSE: B1 – Cell Bio	ology; B4 – Bioe	energetics. Year 12: Cell	
Structure; Transport	t Across Membranes.	. Year 13: Ener	gy, Ecosystems & Nutrient Cy	/cle
Chloroplast structure	e – recap			
Photosynthesis over	view			
Light-dependent rea	ction, to include the e	electron transpo	ort chain and synthesis of ATH	2
Light-independent re	eaction – the Calvin cy	ycle		
Factors affecting the	e rate of photosynthes	sis		
Ft.				
	pic) Year 13: Respira and skills be taught?		our understanding be assess	ed 3
(Implementation)	and skins be laught:			eu
Demos			recorded (Impact) - 2 x assessed homeworks (Grade given.	
None in this topic			Written & verbal feedback. Response	
Described and		expected.)	-	
Practical work Required practical 7			-1 x end of topic test (Grade given. Verbal	
Required practical 8			feedback to class and individuals.)	
			ent of CPAC skills from the	
Written Class notes			practical (both written and practical) as	
Past paper questions in cla	ass		detailed on the practical sheets.	
		ucturicu o	in the product sheets.	
Past paper questions in no	omeworks			
Past paper questions in he Write-ups of required pra				
	cticals 7 & 8			
Write-ups of required pra	cticals 7 & 8	e VLE		
Write-ups of required pra How can parents he Look at the topic spe	cticals 7 & 8 Ip at home? ecific resources on the		essons, Crash Course Biology	·.
Write-ups of required pra How can parents he Look at the topic spe Use appropriate you	cticals 7 & 8 Ip at home? ecific resources on the	to, freesciencel	essons, Crash Course Biology	<i>.</i>
Write-ups of required pra How can parents he Look at the topic spe Use appropriate you Encourage students	cticals 7 & 8 Ip at home? ecific resources on the itube channels: cogni to use the textbook is	to, freesciencel ssued.	essons, Crash Course Biology It and be curious about their	·.
Write-ups of required pra How can parents he Look at the topic spe Use appropriate you Encourage students Take an interest! Asl learning.	cticals 7 & 8 Ip at home? ecific resources on the itube channels: cogni to use the textbook is k your children what t	to, freesciencel ssued.		<i>י</i> .
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Biological Science Review	chlorophyll, electron,	Agricultural Scientist
Magazine	electron carrier, ATP, NADP,	Plant biologist
The Biologist Magazine –	NADPH, photolysis, RuBP,	Environmental Scientist
Royal Society of Biology	RuBisCO, GP, TP, glucose.	
Royal Society of Biology blog		