

Next Three Steps report

Subject area : Biology / Combined Science		
	Needs to	How
1	Recall the limiting factors of photosynthesis	<p>Biology intervention supporting lessons on Mondays and Wednesdays</p> <p>W:\Science\VLE\Biology Unit 8.html</p> <p>W:\Science\VLE\Biology Past Questions and Answers by topics.html</p> <p>https://app.tassomai.com/login</p> <p>https://members.gcsepod.com/content?subject_id=6010&exam_board_id=1010&topic_id=8184</p> <p>https://sway.office.com/R8xAqOM1TR3Vwn9B?ref=Link&loc=play</p>
2	Explain how limiting factors affect the rate of photosynthesis, including graphical interpretation (limited to one factor)	<p>Biology intervention supporting lessons on Mondays and Wednesdays</p> <p>W:\Science\VLE\Biology Unit 8.html</p> <p>W:\Science\VLE\Biology Past Questions and Answers by topics.html</p> <p>https://sway.office.com/R8xAqOM1TR3Vwn9B?ref=Link&loc=play</p> <p>https://app.tassomai.com/login</p> <p>https://members.gcsepod.com/content?subject_id=6010&exam_board_id=1010&topic_id=8184</p>

3	For higher tier explain how limiting factors are important to the economics of greenhouses, including data interpretation	<p>Biology intervention supporting lessons on Mondays and Wednesdays</p> <p>W:\Science\VLE\Biology Unit 8.html</p> <p>W:\Science\VLE\Biology Past Questions and Answers by topics.html</p> <p>https://app.tassomai.com/login</p> <p>https://members.gcsepod.com/content?subject_id=6010&exam_board_id=1010&topic_id=8184</p> <p>https://sway.office.com/R8xAqOM1TR3Vwn9B?ref=Link&loc=play</p>
4	Required practical 6: Know how to investigate the effect of light intensity on the rate of photosynthesis using an aquatic organism such as pondweed	<p>Biology intervention supporting lessons on Mondays and Wednesdays</p> <p>W:\Science\VLE\Biology Unit 8.html</p> <p>W:\Science\VLE\Biology Past Questions and Answers by topics.html</p> <p>https://app.tassomai.com/login</p> <p>https://members.gcsepod.com/content?subject_id=6010&exam_board_id=1010&topic_id=8184</p> <p>https://sway.office.com/R8xAqOM1TR3Vwn9B?ref=Link&loc=play</p>
5	Describe how the glucose produced in photosynthesis is used by plants	<p>Biology intervention supporting lessons on Mondays and Wednesdays</p> <p>W:\Science\VLE\Biology Unit 8.html</p> <p>W:\Science\VLE\Biology Past Questions and Answers by topics.html</p> <p>https://app.tassomai.com/login</p> <p>https://members.gcsepod.com/content?subject_id=6010&exam_board_id=1010&topic_id=8184</p> <p>https://sway.office.com/R8xAqOM1TR3Vwn9B?ref=Link&loc=play</p>

6	Recognise the equations for aerobic respiration, anaerobic respiration in muscles and anaerobic respiration in plants and yeast cells.	https://sway.office.com/hDmswwRSS0INHyeS?ref=Link Biology intervention supporting lessons on Mondays and Wednesdays W:\Science\VLE\Biology Unit 9.html W:\Science\VLE\Biology Past Questions and Answers by topics.html https://app.tassomai.com/login https://members.gcsepod.com/content?subject_id=6010&exam_board_id=1010&topic_id=8184
7	Recall what type of respiration fermentation is and its economic importance.	https://sway.office.com/hDmswwRSS0INHyeS?ref=Link Biology intervention supporting lessons on Mondays and Wednesdays W:\Science\VLE\Biology Unit 9.html W:\Science\VLE\Biology Past Questions and Answers by topics.html https://app.tassomai.com/login https://members.gcsepod.com/content?subject_id=6010&exam_board_id=1010&topic_id=8184
8	Explain what happens when muscles do not have enough oxygen and define the term oxygen debt and for higher tier be able to explain what happens to accumulated lactic acid in the body	https://sway.office.com/hDmswwRSS0INHyeS?ref=Link Biology intervention supporting lessons on Mondays and Wednesdays W:\Science\VLE\Biology Unit 9.html https://app.tassomai.com/login https://members.gcsepod.com/content?subject_id=6010&exam_board_id=1010&topic_id=8184

		W:\Science\VLE\Biology Past Questions and Answers by topics.html
9	Explain the importance of sugars, amino acids, fatty acids and glycerol in the synthesis and breakdown of carbohydrates, proteins and lipids	https://sway.office.com/hDmswwRSS0INHyeS?ref=Link Biology intervention supporting lessons on Mondays and Wednesdays W:\Science\VLE\Biology Unit 9.html W:\Science\VLE\Biology Past Questions and Answers by topics.html https://app.tassomai.com/login https://members.gcsepod.com/content?subject_id=6010&exam_board_id=1010&topic_id=8184
10	Describe what biodiversity is, why it is important, and how human activities affect it	Biology intervention supporting lessons on Mondays and Wednesdays W:\Science\VLE\Biology Unit 18.html W:\Science\VLE\Biology Past Questions and Answers by topics.html https://members.gcsepod.com/shared/podcasts/title/10795/66168 https://app.tassomai.com/login
11	Explain the consequences of peat bog destruction and explain the consequences of deforestation	W:\Science\VLE\Biology Unit 18.html Biology intervention supporting lessons on Mondays and Wednesdays W:\Science\VLE\Biology Past Questions and Answers by topics.html https://app.tassomai.com/login https://members.gcsepod.com/shared/podcasts/title/10795/66168

12	Describe how the composition of the atmosphere is changing, and the impact of this on global warming	<p>Biology intervention supporting lessons on Mondays and Wednesdays</p> <p>W:\Science\VLE\Biology Unit 18.html</p> <p>W:\Science\VLE\Biology Past Questions and Answers by topics.html</p> <p>https://app.tassomai.com/login</p> <p>https://members.gcsepod.com/shared/podcasts/title/10795/66168</p>
13	Describe both positive and negative human interactions in an ecosystem and explain their impact on biodiversity	<p>W:\Science\VLE\Biology Unit 18.html</p> <p>W:\Science\VLE\Biology Past Questions and Answers by topics.html</p> <p>https://app.tassomai.com/login</p> <p>Biology intervention supporting lessons on Mondays and Wednesdays</p> <p>https://members.gcsepod.com/shared/podcasts/title/10795/66168</p>
14	Describe programmes that aim to reduce the negative effects of humans on ecosystems and biodiversity	<p>W:\Science\VLE\Biology Unit 18.html</p> <p>W:\Science\VLE\Biology Past Questions and Answers by topics.html</p> <p>https://app.tassomai.com/login</p> <p>https://members.gcsepod.com/shared/podcasts/title/10795/66168</p>
15		
16		

17		
18		
19		

Each subject area to identify: a) in the first column, 10 likely PLCs/topics for revision; b) in the second column, sources of help / means of revision (GCSE pods, Oaks Academy Lessons, VLE, YouTube tutorials, weekly enrichment sessions, websites, subscription sites that pupils can access free of charge, anything else you consider **useful**).