

## Home learning planning framework

This is the plan for a learning sequence, and won't take place within a single session.

<b>Year group:</b>	11	<b>Topic:</b>	B5 genes inheritance and selection
<b>Subject:</b>	Biology	<b>Area:</b>	Natural selection and evolution B5.2
<b>Approach</b>	<b>What is it?</b>	<b>Examples (online / offline)—support students to:</b>	
Activate	Prompting students to think about what they have learnt previously, that will help them with their next step	<p>Recap of variation and genetics. How mutations can affect an organism and genetic diseases.</p> <p><a href="https://www.freesciencelessons.co.uk/gcse-biology-paper-2/">https://www.freesciencelessons.co.uk/gcse-biology-paper-2/</a>  <a href="https://www.bbc.co.uk/bitesize/guides/zqv6gdm/revision/1">https://www.bbc.co.uk/bitesize/guides/zqv6gdm/revision/1</a>            how are things organised in shops, libraries and music stores and why?            Why do some people do not believe in the theory of evolution.</p>	
Explain	Explicitly teaching strategies to pupils and helping them decide when to use them.	<p>Lessons on</p> <ul style="list-style-type: none"> <li>• Natural selection</li> <li>• Evidence for evolution</li> <li>• Theory of evolution</li> <li>• Classification systems</li> </ul> <p>In school / on teams  <a href="https://www.freesciencelessons.co.uk/gcse-biology-paper-2/">https://www.freesciencelessons.co.uk/gcse-biology-paper-2/</a>  <a href="https://www.bbc.co.uk/bitesize/guides/zt4f8mn/revision/3">https://www.bbc.co.uk/bitesize/guides/zt4f8mn/revision/3</a></p>	
Practise	Pupils practising strategies and skills repeatedly, to develop independence.	<p>Making notes and answering exam questions on;</p> <ul style="list-style-type: none"> <li>• Natural selection</li> <li>• Evidence for evolution</li> <li>• Theory of evolution</li> <li>• Classification systems</li> </ul> <p>Using evolutionary trees to describe how closely related organisms are.            Analysing information to justify the theory of evolution.</p>	
Reflect	Pupils reflecting on what they have learnt after they have completed a piece of work.	Complete end of topic tests and self asses	
Review	Revisiting previous learning after a gap	<p>Make revision cards or powerpoints            Use the " what we have learnt so far" powerpoint made in the teams assignments to revise and add more detail to it as necessary.            Look at how the previous topic link to this topic</p>	