

**Unit 9 Checklist – Evolution**

#	Question	Pre-Assessment	Lesson Exit Ticket
1	Define <b>evolution</b>		
2	List <u>4</u> sources of evidence that support evolution.	1. 2. 3. 4.	1. 2. 3. 4.
3	Explain the difference between <b>relative dating</b> and <b>absolute dating</b> of a fossil.	Relative dating –  Absolute dating -	Relative dating –  Absolute dating -
4	Identify the ultimate source of all <b>variation</b> in a population.		
5	Explain why <b>competition</b> exists in a population.		
6	Explain why some individuals have <b>“greater fitness”</b> than others in a population.		

#	Question	Pre-Assessment	Lesson Exit Ticket
7	Describe what happens to <b>variations</b> in a population over time if they give individuals <b>greater fitness</b> (i.e. an advantage)		
8	Summarize how <b>natural selection</b> will cause a <b>random variation</b> to become an <b>adaptation</b> in a population over time.		
9	List at least <u>3</u> factors that can <b>increase the rate of evolution</b> .	<ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>3.</li> </ol>	<ol style="list-style-type: none"> <li>1.</li> <li>2.</li> <li>3.</li> </ol>
10	Explain why a population is more likely to survive (i.e. not go <b>extinct</b> ) if it maintains <b>genetic diversity</b> .		
11	Define <b>species</b> .		
12	Define <b>common ancestor</b> .		
13	Define <b>speciation</b> and describe how it can take place.		