

Populations and evolution

Specification reference	Checklist questions	
3.7.2	Can you define the terms gene pool and allelic frequency?	<input type="checkbox"/>
3.7.2	Can you define the Hardy-Weinberg principle?	<input type="checkbox"/>
3.7.2	Can you use the Hardy-Weinberg principle to calculate allele, genotype, and phenotype frequencies?	<input type="checkbox"/>
3.7.3	Can you describe variation due to genetic factors?	<input type="checkbox"/>
3.7.3	Can you describe variation due to environmental influences?	<input type="checkbox"/>
3.7.3	Can you define a gene pool?	<input type="checkbox"/>
3.7.3	Can you explain the role of overproduction of offspring in natural selection?	<input type="checkbox"/>
3.7.3	Can you explain the role of variation in natural selection?	<input type="checkbox"/>
3.7.3	Can you describe stabilising selection?	<input type="checkbox"/>
3.7.3	Can you describe directional selection?	<input type="checkbox"/>
3.7.3	Can you describe disruptive selection?	<input type="checkbox"/>
3.7.3	Can you explain the effects of each form of selection on evolution?	<input type="checkbox"/>
3.7.3	Can you explain how selection affects allelic frequencies?	<input type="checkbox"/>

Specification reference	Checklist questions	
3.7.3	Can you explain how new species are formed?	<input type="checkbox"/>
3.7.3	Can you explain how populations can become geographically isolated?	<input type="checkbox"/>
3.7.3	Can you describe allopatric and sympatric speciation?	<input type="checkbox"/>