

Populations in ecosystems

Specification reference	Checklist questions	
3.7.4	Can you define the terms environment, biotic, abiotic, and biosphere?	<input type="checkbox"/>
3.7.4	Can you explain what is meant by an ecosystem?	<input type="checkbox"/>
3.7.4	Can you explain what is meant by the terms population, community, and habitat?	<input type="checkbox"/>
3.7.4	Can you explain what a niche is?	<input type="checkbox"/>
3.7.4	Can you describe the factors that determine the size of a population?	<input type="checkbox"/>
3.7.4	Can you describe the abiotic factors that affect the size of a population?	<input type="checkbox"/>
3.7.4	Can you explain how each of these factors influence population size?	<input type="checkbox"/>
3.7.4	Can you describe what is meant by intraspecific competition?	<input type="checkbox"/>
3.7.4	Can you summarise the factors that different species compete for?	<input type="checkbox"/>
3.7.4	Can you describe interspecific competition?	<input type="checkbox"/>
3.7.4	Can you explain how interspecific competition influences population size?	<input type="checkbox"/>
3.7.4	Can you explain what is meant by predation?	<input type="checkbox"/>
3.7.4	Can you explain how the predator–prey relationship affects the population size of predator and prey?	<input type="checkbox"/>

Specification reference	Checklist questions	
3.7.4	Can you name the factors to be considered when using a quadrat?	<input type="checkbox"/>
3.7.4	Can you explain how a transect is used to obtain quantitative data about changes in communities along a line?	<input type="checkbox"/>
3.7.4	Can you describe how the abundance of different species is measured?	<input type="checkbox"/>
3.7.4	Can you explain how the mark-release-recapture method can be used to measure the abundance of motile species?	<input type="checkbox"/>
3.7.4	Can you describe changes that occur in the variety of species that occupy an area over time?	<input type="checkbox"/>
3.7.4	Can you define the terms succession and climax community?	<input type="checkbox"/>
3.7.4	Can you explain how managing succession can help to conserve habitats?	<input type="checkbox"/>
3.7.4	Can you describe what is meant by conservation?	<input type="checkbox"/>
3.7.4	Can you explain how managing succession can help to conserve habitats?	<input type="checkbox"/>