

Lesson	Know	Apply	Extend
10.1.1 Variation	I can state what is meant by the term variation. <input type="checkbox"/>	I can describe how variation in species occurs. <input type="checkbox"/>	I can explain how variation gives rise to different species. <input type="checkbox"/>
	I can state that variation is caused by the environment or inheritance. <input type="checkbox"/>	I can explain whether characteristics are inherited, environmental, or both. <input type="checkbox"/>	I can critique a claim that a particular characteristic is inherited or environmental. <input type="checkbox"/>
	I can record observations of variations between different species of gull. <input type="checkbox"/>	I can record and categorise observations of variations between different species of gull. <input type="checkbox"/>	I can record and categorise observations of variations between different species of gull to suggest species boundaries. <input type="checkbox"/>
10.1.2 Continuous and discontinuous	I can state that there are two types of variation. <input type="checkbox"/>	I can describe the difference between continuous and discontinuous variation. <input type="checkbox"/>	I can explain the causes of continuous and discontinuous variation. <input type="checkbox"/>
	I can state the two types of graphs that can be drawn when representing the two types of variation. <input type="checkbox"/>	I can use knowledge of continuous and discontinuous variation to explain whether characteristics are inherited, environmental, or both. <input type="checkbox"/>	I can record results in a table, and identify and plot an appropriate graph to show variation within a species. <input type="checkbox"/>
	I can record results in a table and plot a graph on axes provided. <input type="checkbox"/>	I can plot bar charts or line graphs to show discontinuous or continuous variation data. <input type="checkbox"/>	
		I can record results in a table and plot a histogram. <input type="checkbox"/>	
10.1.3 Adapting to change	I can name an environmental change. <input type="checkbox"/>	I can explain how organisms are adapted to their environments. <input type="checkbox"/>	I can explain how organisms are adapted to seasonal changes. <input type="checkbox"/>

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	I can give a possible reason for adaptation or extinction. <input type="checkbox"/>	I can explain how variation helps a particular species in a changing environment. <input type="checkbox"/>	I can explain how competition or long-term environmental change can lead to evolutionary adaptation or extinction. I can explain the role variation plays in a species success. <input type="checkbox"/>
		I can describe how organisms are adapted to their environment. <input type="checkbox"/>	I can predict implications of a change in the environment on a population. <input type="checkbox"/>