

Lesson	Improving	Secure	Advanced and Extending
B2 3.1 Competition and adaptation	I can state some resources that plants and animals compete for. <input type="checkbox"/>	I can describe some resources that plants and animals compete for. <input type="checkbox"/>	I can explain the effect of competition on the individual or the population. <input type="checkbox"/>
	I can state what is meant by the term adaptation. <input type="checkbox"/>	I can describe how organisms are adapted to their environments. <input type="checkbox"/>	I can explain how adaptations help an organism survive in their environment. <input type="checkbox"/>
B2 3.2 Adapting to change	I can name an environmental change. <input type="checkbox"/>	I can describe how organisms adapt to environmental changes. <input type="checkbox"/>	I can explain how organisms are adapted to seasonal changes. <input type="checkbox"/>
	I can give a possible reason for adaptation or extinction. <input type="checkbox"/>	I can describe how competition can lead to adaptation. <input type="checkbox"/>	I can explain how competition or long-term environmental change can lead to evolutionary adaptation or extinction. <input type="checkbox"/>
B2 3.3 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 describe the difference between environmental and inherited variation <input type="checkbox"/>	I can explain that some variation is affected by both environmental and inherited factors. <input type="checkbox"/>
B2 3.4 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 represent variation within a species using graphs. <input type="checkbox"/>	I can represent variation within a species using the appropriate type of graph. <input type="checkbox"/>

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B2 3.5 Inheritance	I can state what is meant by a gene. <input type="checkbox"/>	I can describe how characteristics are inherited. <input type="checkbox"/>	I can explain how characteristics are inherited through and coded for by genes. <input type="checkbox"/>
	I can state that more than one scientist was involved in discovering the structure of DNA. <input type="checkbox"/>	I can describe how scientists worked together to develop the DNA model. <input type="checkbox"/>	I can explain the contribution of each team of scientists to the development of the model of DNA. <input type="checkbox"/>
B2 3.6 Natural selection	I can state how survival rates differ for successful adaptation. <input type="checkbox"/>	I can describe the process of natural selection. <input type="checkbox"/>	I can explain how natural selection leads to evolution. <input type="checkbox"/>
	I can state that organisms have changed over time, giving examples. <input type="checkbox"/>	I can describe how organisms evolve over time. <input type="checkbox"/>	I can explain how scientists know that organisms have changed over time. <input type="checkbox"/>
B2 3.7 Extinction	I can state what is meant by the term extinct. <input type="checkbox"/>	I can describe some factors that may lead to extinction. <input type="checkbox"/>	I can explain some factors that may have led to extinction. <input type="checkbox"/>
	I can state how scientists try to prevent extinction. <input type="checkbox"/>	I can describe the purpose of gene banks. <input type="checkbox"/>	I can explain the different types of gene bank. <input type="checkbox"/>