

Lesson	Improving	Secure	Advanced and Extended
B1 2.1 Levels of organisation	I can state what is meant by a tissue, an organ, and an organ system. <input type="checkbox"/>	I can define and state examples of tissues, organs, and organ systems. <input type="checkbox"/>	I can explain how the different tissues in an organ, and the different organs in an organ system function together. <input type="checkbox"/>
	I can state the sequence of the hierarchy of organisation in a multicellular organism. <input type="checkbox"/>	I can explain the hierarchy of organisation in a multicellular organism. <input type="checkbox"/>	I can explain in detail the hierarchy of organisation in a multicellular organism. <input type="checkbox"/>
B1 2.2 Gas exchange	I can name the parts of the gas exchange system. <input type="checkbox"/>	I can describe the structure of the gas exchange system <input type="checkbox"/>	I can describe the gas exchange system as an organ system, linking the organs. <input type="checkbox"/>
	I can state that the parts of the gas exchange system are adapted to their function. <input type="checkbox"/>	I can describe how the parts of the gas exchange system are adapted to their function. <input type="checkbox"/>	I can explain how the adaptations of the parts of the gas exchange system help them perform their function. <input type="checkbox"/>
B1 2.3 Breathing	I can state what happens to the ribcage and diaphragm during inhaling and exhaling. <input type="checkbox"/>	I can describe the process of inhaling and exhaling. <input type="checkbox"/>	I can explain how the actions of the ribcage and diaphragm lead to inhaling and exhaling. <input type="checkbox"/>
	I can state what each part of the bell jar model represents. <input type="checkbox"/>	I can describe how a bell jar can be used to model what happens during breathing. <input type="checkbox"/>	I can explain the similarities and differences between the bell jar and the breathing system. <input type="checkbox"/>
	I can state a value of lung volume. <input type="checkbox"/>	I can explain how to measure lung volumes. <input type="checkbox"/>	I can explain in detail how to measure lung volumes. <input type="checkbox"/>
B1 2.4 Skeleton	I can name the main parts of the skeleton. <input type="checkbox"/>	I can describe the structure of the skeleton. <input type="checkbox"/>	I can explain the relationship between the bones and joints in the skeleton. <input type="checkbox"/>
	I can list the functions of the skeletal system. <input type="checkbox"/>	I can describe the functions of the skeletal system. <input type="checkbox"/>	I can explain the link between structure and functions in the skeletal system. <input type="checkbox"/>

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B1 2.5 Movement: joints	I can state where joints are found in the body. <input type="checkbox"/>	I can describe the role of joints. <input type="checkbox"/>	I can explain how the parts of a joint allow it to function. <input type="checkbox"/>
	I can state how a muscle exerts force during movement. <input type="checkbox"/>	I can explain how to measure the force exerted by different muscles. <input type="checkbox"/>	I can explain the relationship between the forces required to move different masses. <input type="checkbox"/>
B1 2.6 Movement: muscles	I can state the function of major muscle groups. <input type="checkbox"/>	I can describe the function of major muscle groups. <input type="checkbox"/>	I can explain how the muscle groups interact with other tissues to cause movement. <input type="checkbox"/>
	I can state the definition of antagonistic muscles. <input type="checkbox"/>	I can explain how antagonistic muscles cause movement. <input type="checkbox"/>	I can explain why it is necessary to have both muscles in an antagonistic pair to cause movement. <input type="checkbox"/>