

Lesson	Improving	Secure	Advanced and Extending
B3 3.1 Microscopy	I can name two different types of microscope. <input type="checkbox"/>	I can describe the main differences between a light microscope and an electron microscope. <input type="checkbox"/>	I can suggest with an explanation the microscope that should be used in a given scenario. <input type="checkbox"/>
	I can name one piece of microscopic evidence used by a forensic scientist. <input type="checkbox"/>	I can describe how microscopic evidence is used by forensic scientists. <input type="checkbox"/>	I can explain how microscopic evidence is used in a court case. <input type="checkbox"/>
B3 3.2 Fingerprinting	I can state whether one person's fingerprint is likely to be the same as another person's fingerprint. <input type="checkbox"/>	I can describe how fingerprints are formed. <input type="checkbox"/>	I can explain the different methods of retrieving fingerprints at a crime scene. <input type="checkbox"/>
	I can name one surface on which a fingerprint can be left. <input type="checkbox"/>	I can describe how the police use fingerprints to solve crimes. <input type="checkbox"/>	I can explain how police use the unique patterns on fingerprints to solve crimes. <input type="checkbox"/>
B3 3.3 DNA fingerprinting	I can name one type of sample that can be used for DNA fingerprinting. <input type="checkbox"/>	I can state what is meant by DNA fingerprinting. <input type="checkbox"/>	I can describe how to carry out DNA fingerprinting. <input type="checkbox"/>
	I can give one example where two people share the same genetic information. <input type="checkbox"/>	I can describe some uses of DNA fingerprinting. <input type="checkbox"/>	I can explain uses of DNA fingerprinting. <input type="checkbox"/>
B3 3.4 Blood typing	I can name the components of blood. <input type="checkbox"/>	I can describe the structure and function of blood components. <input type="checkbox"/>	I can compare the structure of two types of blood cells and relate them to their function. <input type="checkbox"/>
	I can name the possible blood groups in humans. <input type="checkbox"/>	I can describe what is meant by a blood group. <input type="checkbox"/>	I can explain the similarities and differences between blood groups. <input type="checkbox"/>

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B3 3.5 Time of death	I can state one factor that scientists use to determine the time of death of an animal. <input type="checkbox"/>	I can describe how time of death can be determined. <input type="checkbox"/>	I can explain why different methods are used to determine the time of death. <input type="checkbox"/>
	I can state one limitation to a technique used in determining the time of death. <input type="checkbox"/>	I can describe some of the difficulties in determining time of death. <input type="checkbox"/>	I can explain advantages and disadvantages of using different techniques for estimating time of death. <input type="checkbox"/>
B3 3.6 Pathology	I can state what is meant by a pathologist. <input type="checkbox"/>	I can describe the role of a pathologist. <input type="checkbox"/>	I can explain how a pathologist determines the cause of death or disease. <input type="checkbox"/>
	I can state one way in which dental records are useful. <input type="checkbox"/>	I can describe how dental records can be used to help solve crimes. <input type="checkbox"/>	I can explain why up-to-date and accurate dental records are important to correctly identify a body. <input type="checkbox"/>