Activate *for AQA*

Lesson	Know		Apply		Extend	
8.3.1 Gas exchange	I can name the parts of the gas exchange system.	☐	I can describe the structure of the gas exchange system.	☐	I can describe the gas exchange system as an organ system, linking the organs.	☐
	I can state that the parts of the gas exchange system are adapted to their function.	☐	I can describe how the parts of the gas exchange system are adapted to their function.	☐	I can explain how the adaptations of the parts of the gas exchange system help them perform their function.	☐
	I can state that the composition of the air inhaled and exhaled are different using data provided.	☐	I can interpret data given to compare the difference in the composition of inhaled and exhaled air.	☐	I can interpret data given to explain the difference in the composition of inhaled and exhaled air.	☐
8.3.2 Breathing	I can state what happens to the ribcage and diaphragm during inhaling and exhaling.	☐	I can describe the processes of inhaling and exhaling air.	☐	I can explain how the actions of the ribcage and diaphragm lead to inhaling and exhaling.	☐
	I can state what each part of the bell-jar model represents.	☐	I can describe how a bell jar can be used to model what happens during breathing.	☐	I can explain the similarities and differences between the bell jar and the breathing system.	☐
	I can state a value of lung volume.	☐	I can explain how to measure lung volume.	☐	I can explain in detail how to measure lung volumes.	☐
	I can use appropriately calibrated apparatus to obtain a lung volume.	☐	I can use appropriately calibrated apparatus to obtain a lung volume.	☐	I can use appropriately calibrated apparatus to obtain an accurate lung volume, evaluating the precision of instruments involved.	☐
8.3.3 Drugs	I can name some recreational and medicinal drugs.	☐	I can describe the difference between recreational and medicinal drugs.	☐	I can explain why people take different medicinal and recreational drugs.	☐
	I can state one effect of a drug on health or behaviour.	☐	I can describe the effects of drugs on health and behaviour.	☐	I can explain how recreational drugs can have a negative effect on people's lifestyles.	☐

Lesson	Know		Apply		Extend	
	I can make observations during an experiment.	☐	I can interpret experimental observations to draw simple conclusions.	☐	I can record accurate and detailed observations from an experiment to draw detailed conclusions, and evaluate methods.	☐
8.3.4 Alcohol	I can name one effect of alcohol on health or behaviour.	☐	I can describe the effect of alcohol on health and behaviour.	☐	I can explain in detail how alcohol affects health and behaviour, detailing its effect on life processes.	☐
	I can state whether alcohol affects conception and pregnancy.	☐	I can describe the effect alcohol has on conception and pregnancy.	☐	I can explain the importance of providing information about drinking to the general public, not just pregnant women.	☐
	I can record results in a given table and plot a graph of results obtained.	☐	I can design a results table and plot subsequent experimental data on an appropriate graph.	☐	I can record data in a well-organised table (with headings and units) and plot an appropriate graph to present results.	☐
8.3.5 Smoking	I can name an effect of tobacco smoke on health.	☐	I can describe the effects of tobacco smoke on health.	☐	I can explain how smoking causes disease.	☐
	I can state whether or not tobacco smoke affects the development of a fetus.	☐	I can describe the effects of tobacco smoke on pregnancy.	☐	I can explain which chemicals in tobacco smoke affect the development of a foetus.	☐
	I can interpret secondary data and present this data on a bar chart.	☐	I can present secondary data using an appropriate method, interpreting this data to draw conclusions.	☐	I can interpret and present secondary data in an appropriate manner. I can then draw conclusions, and extrapolate data from trends shown.	☐