AQA Biology GCSE

Student Checklist

B7 Non-communicable diseases

Name .... Class .... Date ....

Lesson	Aiming for 4		Aiming for 6		Aiming for 8	
B7.1 Non-communicable diseases	I can name some non-communicable diseases.	☐	I can classify diseases as communicable and non-communicable.	☐	I can describe some impacts of non-communicable diseases.	☐
	I can list some risk factors that are linked to an increased rate of disease.	☐	I can draw conclusions from data on risk factors.	☐	I can identify risk factors from data.	☐
	I can identify correlations in data.	☐	I can decide whether a link is causal.	☐	I can explain why a correlation does not prove a causal mechanism.	☐
B7.2 Cancer	I can define a tumour as a mass of abnormally growing cells.	☐	I can describe the difference between benign and malignant tumours.	☐	I can explain how benign and malignant tumours can be life-threatening.	☐
	I can state some causes of cancer.	☐	I can describe why carcinogens and ionising radiation increase the risk of tumours.	☐	I can link a lack of control in the cell cycle to tumour formation.	☐
	I can list some of the benefits and risks of chemotherapy.	☐	I can analyse data to assess the risks and benefits of chemotherapy.	☐	I can evaluate the risks of chemotherapy in relation to data, drug testing, and consequences in order to come to an informed decision.	☐

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Lesson	Aiming for 4		Aiming for 6		Aiming for 8	
B7.3 Smoking and the risk of disease	I can name the harmful substances found in tobacco smoke.	☐	I can describe the effects of the harmful substances found in tobacco smoke.	☐	I can explain in detail the effects of the harmful substances found in tobacco smoke.	☐
	I can state that smoking increases your risk of developing lung diseases.	☐	I can analyse data to describe evidence for the link between smoking and lung disease.	☐	I can suggest possible causal mechanisms to explain trends shown in data, and explain how the causal link	☐
B7.4 Diet, exercise, and disease	I can describe some health problems caused by a poor diet and lack of exercise.	☐	I can describe causal mechanisms for the link between exercise and health.	☐	I can suggest reasons for the correlation between exercise and health, and decide which are causal.	☐
	I can list some ways in which people can avoid becoming overweight.	☐	I can suggest measures to prevent a further rise in the number of people with type 2 diabetes.	☐	I can explain in detail why eating a poor diet can lead to health problems.	☐
B7.5 Alcohol and other carcinogens	I can state that drinking too much alcohol can affect liver and brain function.	☐	I can describe the short- and long-term effects of drinking alcohol.	☐	I can explain in detail how drinking alcohol affects the nervous system.	☐
	I can state that alcohol can affect unborn babies.	☐	I can describe the effects of alcohol on unborn babies.	☐	I can evaluate the evidence on the effects of alcohol on a developing baby.	☐
	I can define the term carcinogen.	☐	I can describe the link between ionising radiation and cancer.	☐	I can explain the link between radiation and cancer.	☐