

AQA Biology

GCSE Student checklist

B5

Name _____ Class _____ Date _____

Communicable diseases

Lesson	Target 4		Target 6		Target 8	
B5.1 Health and disease	I can describe health as a state of physical and mental wellbeing.	<input type="checkbox"/>	I can describe the difference between communicable and non-communicable diseases.	<input type="checkbox"/>	I can suggest how communicable diseases are spread.	<input type="checkbox"/>
	I can state some causes of ill health.	<input type="checkbox"/>	I can use a scatter diagram to identify a correlation between two variables.	<input type="checkbox"/>	I can suggest links between lifestyle and health.	<input type="checkbox"/>
	I can draw a simple conclusion from data on health.	<input type="checkbox"/>	I can construct and interpret bar charts, frequency tables, frequency diagrams and histograms.	<input type="checkbox"/>	I can discuss the validity of a statement based on evidence in the form of data.	<input type="checkbox"/>
B5.2 Pathogens and disease	I can state that pathogens are microorganisms that cause disease.	<input type="checkbox"/>	I can describe how bacteria and viruses cause disease.	<input type="checkbox"/>	I can explain why viruses are always pathogens but not all bacteria are.	<input type="checkbox"/>
	I can describe ways that pathogens can be spread.	<input type="checkbox"/>	I can explain why communicable diseases spread rapidly following a natural disaster.	<input type="checkbox"/>	I can explain how pathogens are passed from one organism to another and use this to suggest ways of preventing the spread.	<input type="checkbox"/>
B5.3 Preventing infections	I can list some ways in which communicable diseases spread.	<input type="checkbox"/>	I can describe how the spread of diseases can be reduced or prevented.	<input type="checkbox"/>	I can use scientific knowledge to explain in detail how methods reduce or prevent the spread of disease.	<input type="checkbox"/>
	I can take a role in designing a form of communication to inform the public about how to prevent the spread of a disease.	<input type="checkbox"/>	I can communicate to the public about how to stop the spread of a disease.	<input type="checkbox"/>	I can use an example to explain how the scientific method has been applied to help prevent the spread of disease.	<input type="checkbox"/>

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B5.4 Viral diseases	I can name some diseases that are caused by viruses.	<input type="checkbox"/>	I can describe how measles, HIV and tobacco mosaic virus affect the infected organism.	<input type="checkbox"/>	I can explain how measles, HIV and tobacco mosaic virus affect the infected organism.	<input type="checkbox"/>
	I can describe how measles and HIV are spread.	<input type="checkbox"/>	I can interpret data to describe how the number of people infected with measles in the UK has changed over time.	<input type="checkbox"/>	I can explain why viral infections are often more difficult to prevent and treat than bacterial infections.	<input type="checkbox"/>
	I can summarise information in a table.	<input type="checkbox"/>	I can design a table and use it to summarise information.	<input type="checkbox"/>	I can write a persuasive letter to parents urging them to vaccinate their children against measles.	<input type="checkbox"/>
B5.5 Bacterial diseases	I can name some diseases that are caused by bacteria.	<input type="checkbox"/>	I can describe similarities and differences between salmonella and gonorrhoea.	<input type="checkbox"/>	I can suggest why more people die from viral diseases compared to bacterial diseases.	<input type="checkbox"/>
	I can describe how salmonella and gonorrhoea are spread.	<input type="checkbox"/>	I can describe how the spread of salmonella and gonorrhoea is controlled.	<input type="checkbox"/>	I can explain in detail how methods to control the spread of salmonella and gonorrhoea work.	<input type="checkbox"/>
B5.6 Diseases caused by fungi and protists	I can state that rose black spot is caused by fungi and malaria is caused by protists.	<input type="checkbox"/>	I can describe how rose black spot affects the plant and how it is treated.	<input type="checkbox"/>	I can explain how rose black spot affects the growth of a plant.	<input type="checkbox"/>
	I can use a diagram to describe the life cycle of the malaria protist.	<input type="checkbox"/>	I can link ways of controlling the spread of malaria to specific parts of the protist's life cycle.	<input type="checkbox"/>	I can explain why it is so expensive to stop the spread of malaria.	<input type="checkbox"/>
	I can state some ways that malaria is controlled.	<input type="checkbox"/>				
B5.7 Human defence responses	I can describe some ways in which the human body defends itself against the entry of pathogens.	<input type="checkbox"/>	I can describe how human body defence mechanisms stop the entry of pathogens.	<input type="checkbox"/>	I can explain how a reduced or over active immune system can cause illness.	<input type="checkbox"/>
	I can state that white blood cells help defend the body against pathogens.	<input type="checkbox"/>	I can describe the role of white blood cells in the defence against disease.	<input type="checkbox"/>	I can explain in detail how antibody production fights pathogens.	<input type="checkbox"/>
	I can show how one part of a model is similar to real life.	<input type="checkbox"/>	I can use a model to explain how the body defends itself against disease.	<input type="checkbox"/>	I can evaluate an analogy of the human defence systems against disease.	<input type="checkbox"/>

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