

Write down the 4 types of pathogens

Infection and Response

Draw diagrams to describe and explain the 3 ways that white blood cells destroy pathogens.

How do pathogens cause symptoms?

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Describe how antibiotic resistance develops

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List five natural defences that the body has.

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How can we reduce the incidence of antibiotic resistance?

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What are painkillers and why are they used?

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What do vaccines contain?

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Describe with the use of diagrams how vaccination prevents infection.

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What are antibiotics and why are they used?

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Why is it important that the majority of the population are vaccinated?

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What is antibiotic resistance?

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Infection and Response

Complete the table to show some common bacterial, viral and fungal diseases.

Disease	Type of pathogen	Description/Symptoms	Prevention
HIV			
Salmonella			
Gonorrhoea			
Rose Black Spot			
Tobacco Mosaic Virus (TMV)			

Describe what a pathogen is.
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Describe in detail the stages in drug development
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Explain the difference between a bacteria and a virus
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Describe what a placebo is
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What can we do to help prevent the spread of diseases?
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Describe the difference between a blind and a double blind trial.
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Describe with the use of diagrams if needed the life cycle of a mosquito and how it can spread Malaria.
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