

Year 8 Disease Task Sheet



Design a poster that a hospital might have on the wall to tell people how to protect themselves from pathogens.



Draw a spider diagram showing all the different ways that disease can spread.



Create a fact file containing pictures and information about 3 interesting diseases – 1 bacterial, 1 viral and 1 fungal.



Make a crossword (with clues) about micro-organisms, disease and immunity.



Create a 10 question quiz (with separate answer sheet) about the 'Disease' topic.



Create a board game about protecting and defending yourself from disease.



Write a creative story or a cartoon strip to describe how your body defends itself from disease OR how antibiotic resistance happens OR how vaccination works.



Find out about at least 3 different diseases that are not caused by pathogens. Make an information sheet for each disease describing the cause, symptoms, and treatments.

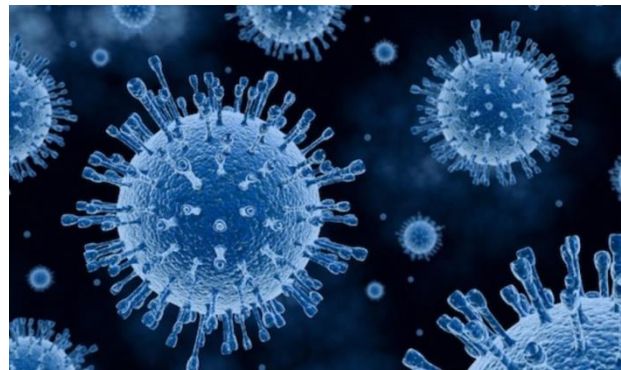


Research antibiotics: What are they, how do they work, where do they come from and how are they developed and tested for use in medicine? Include case studies on some specific antibiotics that you find out about.

Instructions

Work through the tasks on the sheet. The more stars the task is worth, the trickier it is. You should complete written work in the form of a booklet, leaflet or a poster. Models can be made from craft materials or even from cake!

Good luck with the work!



Resources:

Use KS3 Bitesize, KS3 Revision Guides, text books, internet searches and your own imagination.

Progress Targets:

Complete these targets in your exercise book as you make progress through the topic. Highlight these amongst your class work. They will demonstrate the progress you are making in the topic!

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| Stage 1 | <ul style="list-style-type: none"> ❖ Can name some diseases ❖ Can name the 3 groups of pathogens ❖ Can suggest what people can do to reduce spread of infection ❖ Know which type of cell defends the body against microorganisms |
| Stage 2 | <ul style="list-style-type: none"> ❖ Can give examples of diseases caused by the 3 types of pathogens ❖ Know some ways the body reduces the chance of pathogens entering it ❖ Know what antibiotics are used for ❖ Can label diagrams to compare the cell structure of different microorganisms ❖ Can describe the ways that white blood cells defend the body |
| Stage 3 | <ul style="list-style-type: none"> ❖ Can describe how a vaccine works ❖ Can understand why new antibiotics need to be developed ❖ Can evaluate various methods to improve health |