

Topic	Pathogens and disease	Level	GCSE (or any other course for students aged 11-16)
Outcomes	To describe and explain how: (i) pathogens cause disease (ii) how pathogens are spread		

Finding out more about pathogens and their diseases

You are going to carry out some research about one of the following diseases: cholera, hepatitis or aspergillosis.

Sources to use

<http://www.nhs.uk/conditions/aspergillosis/Pages/Introduction.aspx>

<http://www.nhs.uk/conditions/cholera/Pages/Definition.aspx>

<http://www.nhs.uk/conditions/Hepatitis/Pages/Introduction.aspx>

Research findings

The disease I am researching is

The pathogen that causes the disease is called

Question	Answer from your research
Is the pathogen a protist, fungus, bacterium or virus?	
What are the symptoms of the disease?	
How is the disease spread?	
How can you prevent the spread of the disease?	
How does the pathogen cause disease – does it produce toxins that kill body cells or does it take over cells and destroy them?	
Any other interesting facts?	

Now use the information from your research to **write a brief summary** about your pathogen, the disease it causes and how it is spread.

My pathogen - a description

Use this summary to create a cartoon character – try to make the features of the cartoon pathogen match your research.

My pathogen - a cartoon character of my pathogen