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| **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 ………………………………

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| **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.

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

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| **My pathogen - a cartoon character of my pathogen** |
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