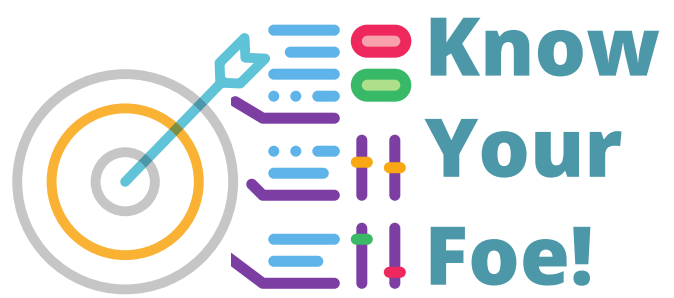
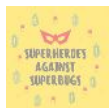


Session 2 – Know your Foe

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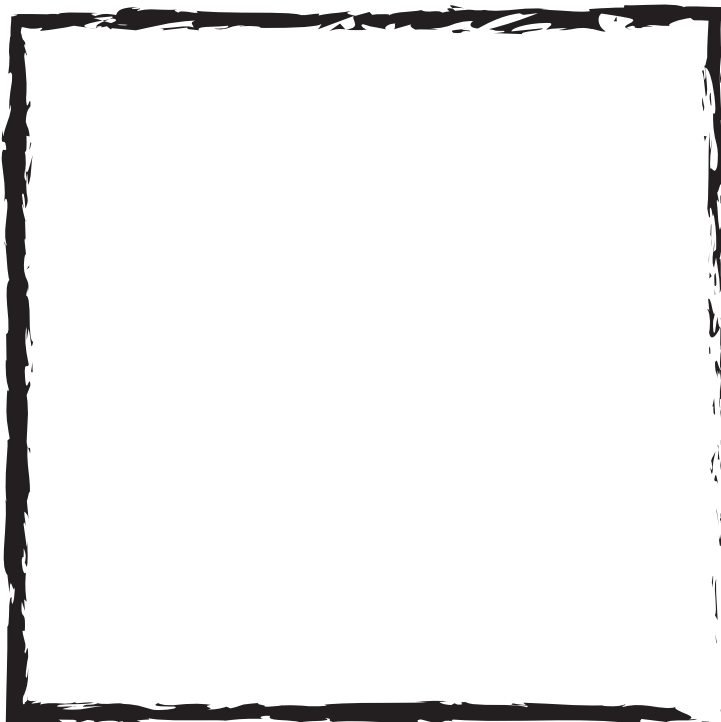
<https://youtube.com/shorts/AVvJsrLGQG8>



Attention agents! The letter from Dr Khoj says that superbugs are bacteria with some power to resist medicines. To understand our enemy better, let's recollect what we know about bacteria in general!

Follow the quiz on the right & draw a bacterium according to the answers you choose.

Draw here!



Are all bacteria our enemies? Mention three ways in which bacteria benefit us!



? Are bacteria single-cell (unicellular) or multi-cellular organisms? Draw a bacterium (just the outline), with one cell or multiple cells, depending on your answer.

? What is the membrane that separates the interior of the bacterial cell from the outside environment? Add to your drawing.

? Cell wall is an outer covering in some cells, outside the cell membrane. Human & animal cells do not have a cell wall. Plant cells have a cell wall. Do bacteria have a cell wall? Add a cell wall to your drawing if your answer is yes, else skip to the next question.

? How do human cells know how to function? What determines the colour of our hair? Something inside our cells is responsible! Do you remember? Now, how does a bacterium cell know how to function? How is the information passed on to the daughter cells? In your drawing, add the part responsible.

A basic structure of your enemy is ready! Colour your bacteria as you wish!

Circle the diseases that are caused by bacterial infection

