

The Super Cells - Lesson/Activity Plan

Discussion 1

Introduce white blood cells and the immune system

Introduce bacteria and viruses

Play 'The Super Cells' animation (Cosmic Monocle Youtube channel)

Discuss the super cells, and examples of how microbes can help the immune system

Activities

Children can complete the workbook by answering the questions inside and using the blank spaces to draw what is being described by the workbook. Instructions for activities are inside workbooks and instruction sheets can be printed and put on tables

B cell Boy: Making Antibodies (need crafting materials e.g pipe cleaners, straws, scissors, sellotape, and shapes to represent the antigens)

Mr Macrophage: Eating Microbes (need balloons, tubes, and marbles)

The Great T Cell: Making Clones (need T cell template, strips of paper (A3 cut into 4), scissors, pens)

Neutro-phil: Making Granules (need flour, salt, water, food colouring, mixing bowls, measuring cups, and spoons)

Children can rotate around tables until activities are completed and workbooks are finished.

Discussion 2

Discussion of what the children have learned about the immune system. Can they think of an example of a good and bad microbe? What does each of the super cells do?

Can the children apply what they have learned to vaccines - what is in a vaccine? How does B cell boy use antibodies when you get vaccinated and what does this mean when you get infected by the same microbe later?

End

Note: The workbook is specifically designed to be printed double-sided so can be folded into an A5 book to save resources