



GCSE Biology

Theme: B3 – Infection and Response
(use your revision guide to support you with these activities)

Summer 2 Week 7

Year 10

Activity One

Work through the PowerPoint for **Our Immune System** worksheets 1 and 2, watching the video clips to support your learning.

Complete exam style questions once you have completed all work on the PowerPoint.

Activity Two

Design a leaflet about vaccinations to be given out in schools in preparation for a Covid-19 vaccine.

The leaflet should include:

- Why vaccines are important
- How vaccines work
- Why vaccines are safe
- Possible side effects
- What is in a vaccine

You leaflet should also have images and diagrams to support your information.

Use the following web link to help you:

<https://www.nhs.uk/conditions/vaccinations/why-vaccination-is-safe-and-important/>

Activity Three

Work through the PowerPoint for **Antibiotics and Developing New Drugs** and worksheets 1-5 watching the video clips to support your learning.

Complete exam style questions once you have completed all work on the PowerPoint.

Activity Four

Create a poster about antibiotic resistance that could be displayed in doctor's surgeries and hospitals.

On your poster you should include:

- **What MRSA is**
- **Why MRSA has developed**
- **The 3 main reasons why antibiotics should be prescribed**
- **Advice regarding antibiotics not treating viral infections such as Colds and Flu.**

This link here might be useful:

<https://www.bbc.co.uk/bitesize/guides/z6trd2p/revision/2>