



## GCSE Biology

Theme: B7 – Ecology and B1 – Cell Biology  
(use your revision guide to support you with these activities)

Summer 2 Week 3

Year 10

### Activity One

Work through the PowerPoint for **Disrupting Ecosystems and Feeding the World** and worksheets 1 – 3 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 poster protesting for a ban to be put on factory farming animals. This poster must look at the ethical views along with the environmental concerns.

Use the internet to research this topic and use the following web links to help you:

<https://www.onegreenplanet.org/animalsandnature/factory-farming-is-killing-the-environment/>

<https://www.ecowatch.com/oceans-larvaceans-carbon-microplastics-2646163332.html>

<https://www.ciwf.org.uk/factory-farming/environmental-damage/>

### Activity Three

Work through the PowerPoint for **Animal, Plant, Prokaryotic, Eukaryotic and Bacterial Cells** and worksheets 1-3 watching the video clips to support your learning.

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

### Activity Four

Work through the PowerPoint for **The Size of Cells, Microscopes, Calculating Magnification and Growing Microorganisms** and worksheets 1-4 watching the video clips to support your learning.

Read through the **Microscope Required Practical** in the PowerPoint and think back to when you completed this in lessons earlier in the year. This is also explained on Page 10 of your Biology Revision Guide.

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