

Biology: Year 12 Summer Assignment –

Cell Organelles



Aim: Research two cell organelles and prepare a presentation on their structure and function to share with the class in September.

Guidelines:

- Choose two cell organelles and complete research about them
 - Use websites such as
 - <http://www.wisegeek.com/>
 - <http://www.s-cool.co.uk/a-level/biology/cells-and-organelles>
 - <http://www.a-levelnotes.co.uk/biology-aqa-as-notes-cells-structure-of-eukaryotic-cells.html>
 - <http://thealevelbiologist.co.uk/cells-2/structure-of-eukaryotic-cells/>
 - Remember to include references to your sources
- Prepare a 5 minute presentation about your chosen organelles to meet the following criteria:
 - Name
 - Diagram
 - Electron micrograph image
 - Size
 - Brief outline of its structure
 - Brief outline of its function
- **NOTE:** You will also be given an **assessment during you first lesson** so make sure that you have revised your GCSE biology before the end of the summer. You can log into <http://senecalearning.com> and join class: **d7us8d2g99** then complete the GCSE review assignment as **part** of your revision.

Choose your organelles from

- cell-surface membrane
- nucleus
- mitochondria
- chloroplasts (in plants and algae)
- golgi apparatus
- lysosomes
- ribosomes
- rough endoplasmic reticulum
- smooth endoplasmic reticulum
- cell vacuole (in plants)
- cell wall (in plants, algae, fungi, bacteria and archaea)

