

Biology Summer Assignment – Cell Organelles



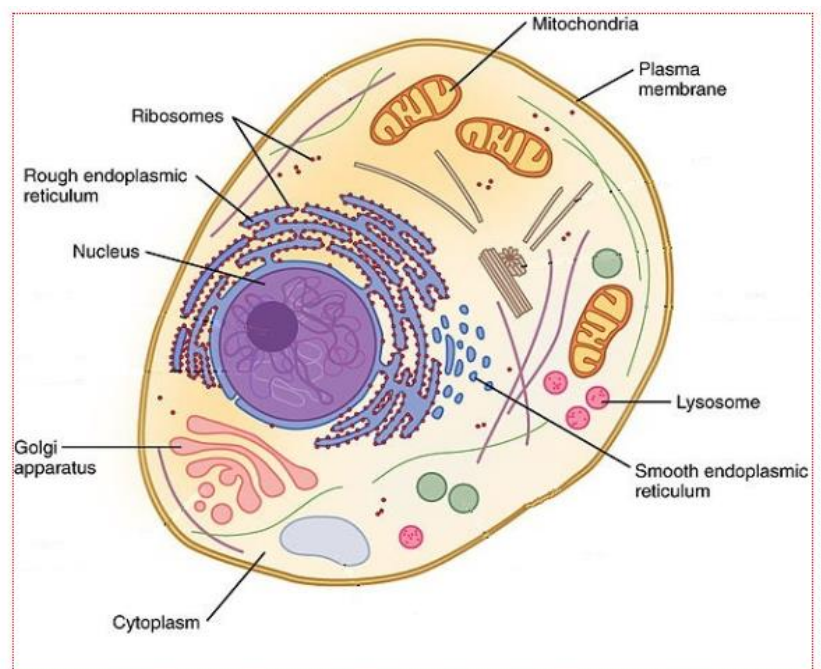
Aim: Research two cell organelles and prepare a presentation on their structure and function to share with the class in September.

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 short presentation about your chosen organelles to include the following:
 - Name
 - Diagram
 - Electron micrograph image
 - Where it is found
 - Size
 - Brief outline of its structure
 - Brief outline of its function

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 wall (in plants, algae and fungi)
Cell vacuole (in plants)



GCSE REVISION

- You will also be given an **assessment during your first lesson** so you need to revise GCSE biology before the end of the summer.
- Register with Seneca learning at <http://senecalearning.com> and join class: <https://app.senecalearning.com/dashboard/join-class/n235b6ut0o>
- Then complete the GCSE review assignment as **part** of your revision.