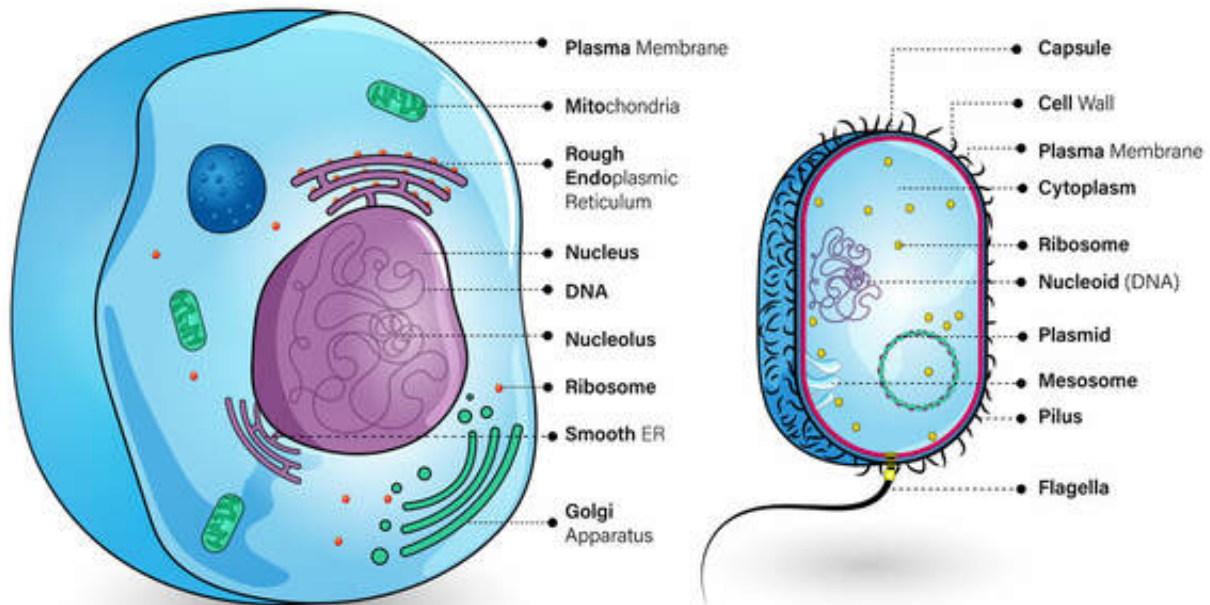


Prokaryotic vs Eukaryotic Cells



Eukaryotic & Prokaryotic Cell

UNDERSTANDINGS

1. According to the cell theory living organisms are composed of cells.
2. Prokaryotes have a simple cell structure without compartmentalisation.
3. Eukaryotes have a compartmentalised structure.
4. The origin of eukaryotic cells can be explained by the Endosymbiotic Theory (Endosymbiosis)
5. Evidence for the Endosymbiotic Theory is expected.

Main Lesson Instructions

- Use a 1 or 2 double pages of your ML book for today's task. This may take you two days.
- All resources are on maxineu.com – Cell Biology ML – Prokaryotic vs Eukaryotic Cells.
- So far, there are 3 webpages for this ML. The first is the Landing Page (History of Microscopes and Cell Theory), Introduction to the Microscope, and the new one Prokaryotes vs Eukaryotes.

Your page should include the following:

1. Hand drawn and labelled diagrams of a Prokaryote and Eukaryotic cell. Examples are found on the Venn diagram task sheet.
2. Written notes on Prokaryotic cells.
3. The Venn diagram task. Draw a Venn diagram in your book and complete the task. Use as much information as you can.
4. Take notes on the Endosymbiosis Theory from the first PPTX and draw a diagram to represent the process.
5. Complete Origin of eukaryotic cells task. All tasks should be written up in your book.