

# EUKARYOTIC VS. PROKARYOTIC CELLS

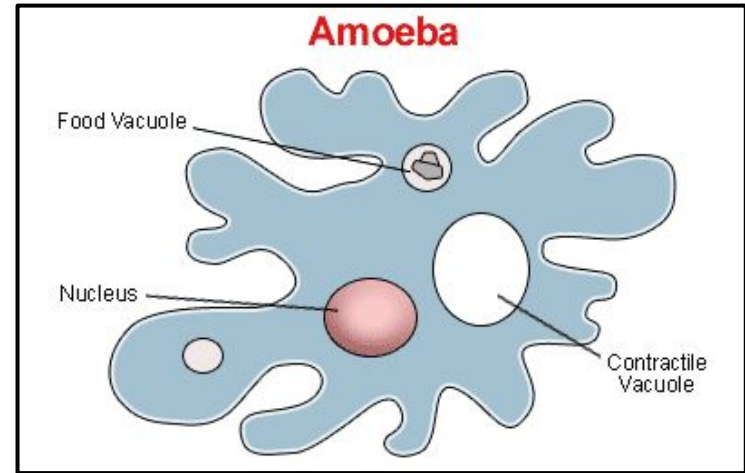


# UNICELLULAR ORGANISMS

- ❖ A unicellular organism has a single cell.  
*Un organismo unicelular tiene una sola célula.*



<http://www.wisegeek.org/what-is-a-unicellular-organism.htm>



<http://www.passmyexams.co.uk/GCSE/biology/unicellular-and-multicellular-organisms.html>

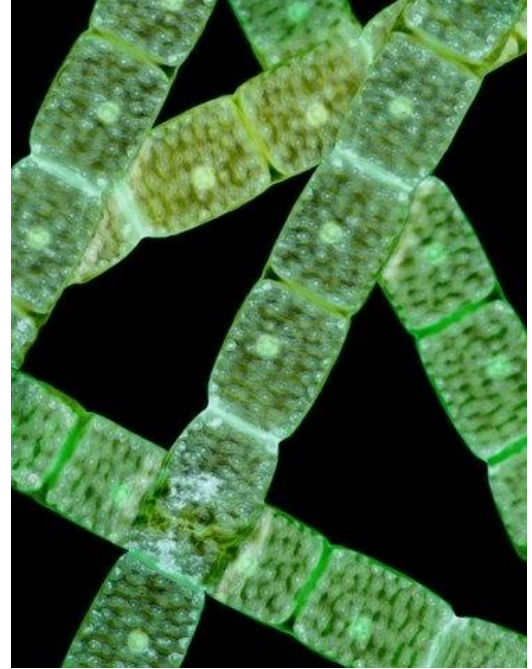
# MULTICELLULAR ORGANISMS

A multicellular organism has multiple cells.

*Un organismo multicelular tiene múltiples células.*



[http://bioweb.uwiax.edu/bio203/s2009/gutierrez\\_marc/phylogeny.htm](http://bioweb.uwiax.edu/bio203/s2009/gutierrez_marc/phylogeny.htm)

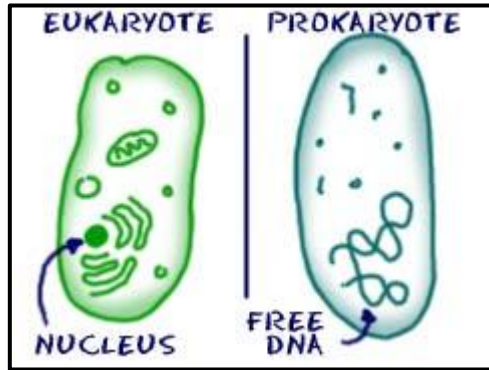


<http://psy.2011.blogspot.com/2011/02/unicellular-and-multicellular-organisms.html>

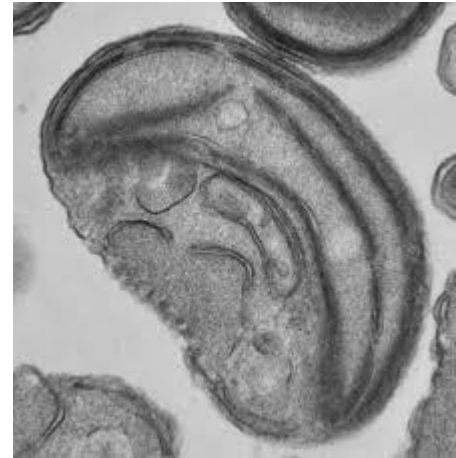
# EUKARYOTE

A eukaryote is defined as having a nucleus with membrane-bound organelles.

*Un eucariota se define como tener un núcleo con orgánulos unidos a la membrana.*



[http://www.biology4kids.com/files/micro\\_eukaryote.html](http://www.biology4kids.com/files/micro_eukaryote.html)

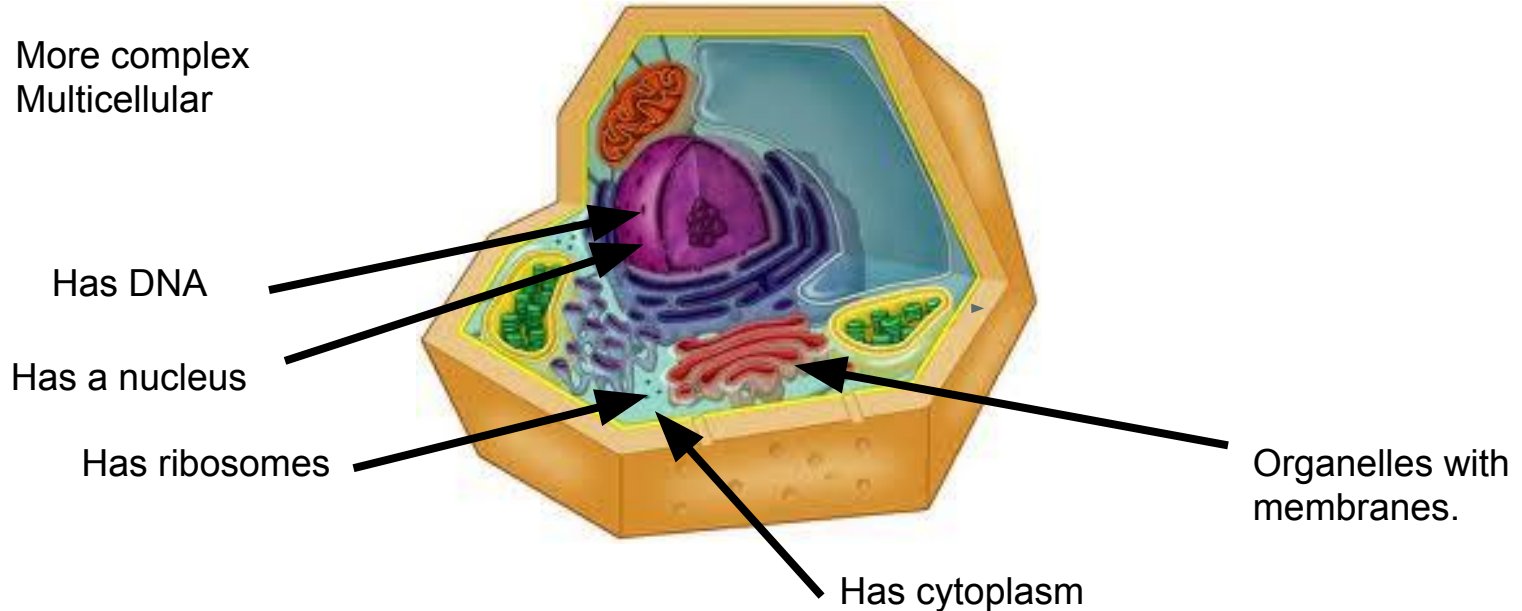


<http://www.eplantscience.com/index/images/Cell%20Type/Eukaryote/>

# Eukaryotic Cells

Using the image and labels, make a word bank in your notebook (list of words)

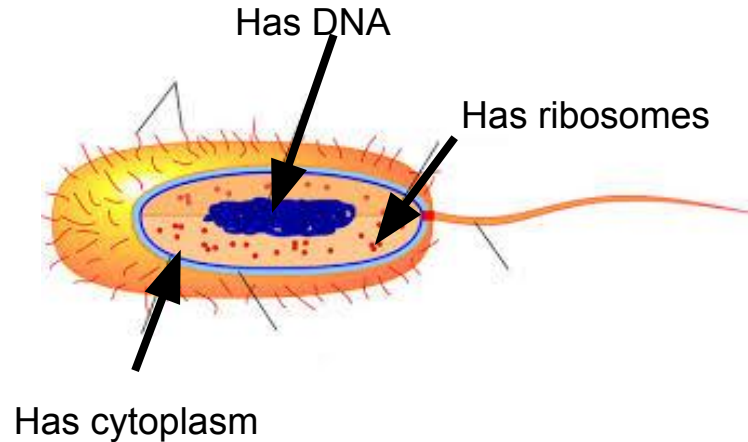
- More complex
- Multicellular



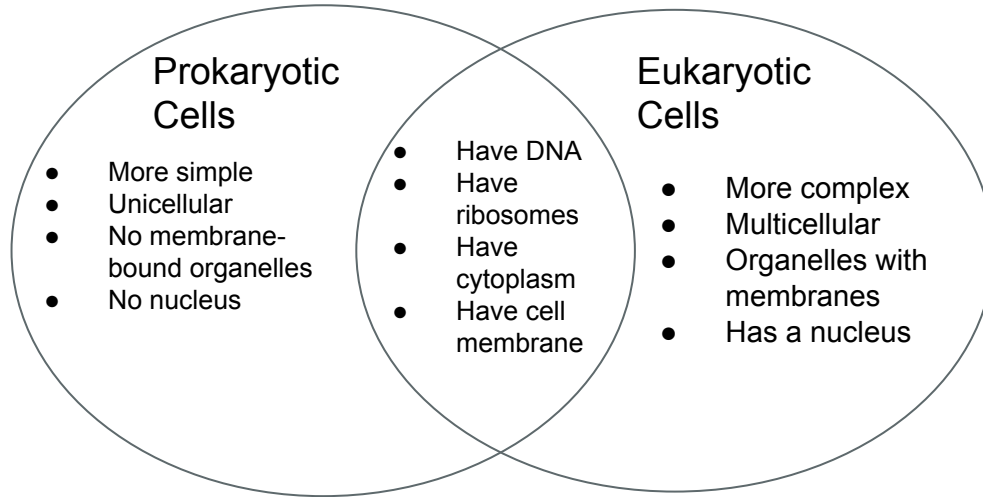
# Prokaryotic Cells

Using the image and labels, make a word bank in your notebook (list of words)

- No organelles with membrane
- Does not have a nucleus
- More simple
- Unicellular



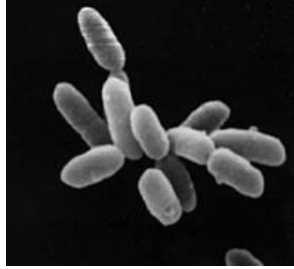
# Venn Diagram



# Eukaryotic organisms vs. Prokaryotic organisms

Prokaryotic organisms:

- Bacteria
- Archaea



Eukaryotic organisms:

- Animals
- Plants
- Algae
- Fungi

