

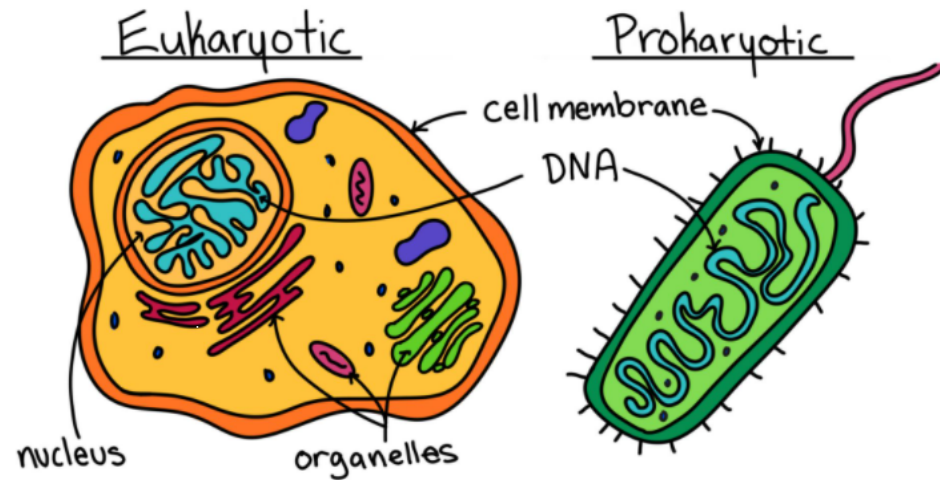
1:Cell Cycle & DNA Review
Chapter 10c, section 11-4 &
Chapter 12

Review Worksheet: Cell Cycle

- Complete questions to create notes on the review of this section from grade 9.
- Due Date: _____
- Not to be passed in; however will be used as notes to build upon your understanding.

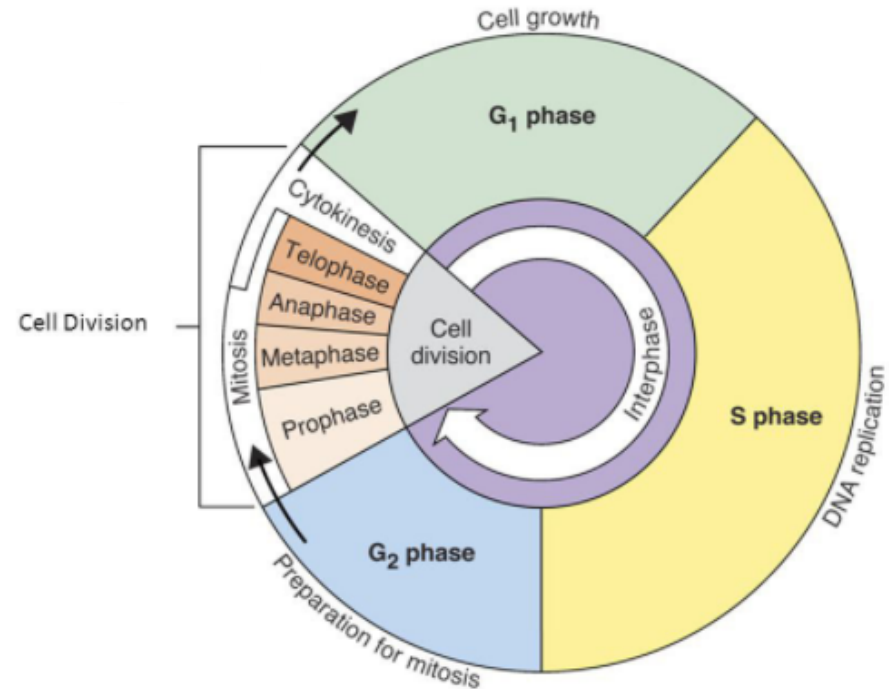
What is a cell?

- Smallest living organism
- basic building blocks of life (the more something grows, the more cells are produced)
- all cells must have genetic material and a membrane that wraps around the entire cell
- cells can differ greatly



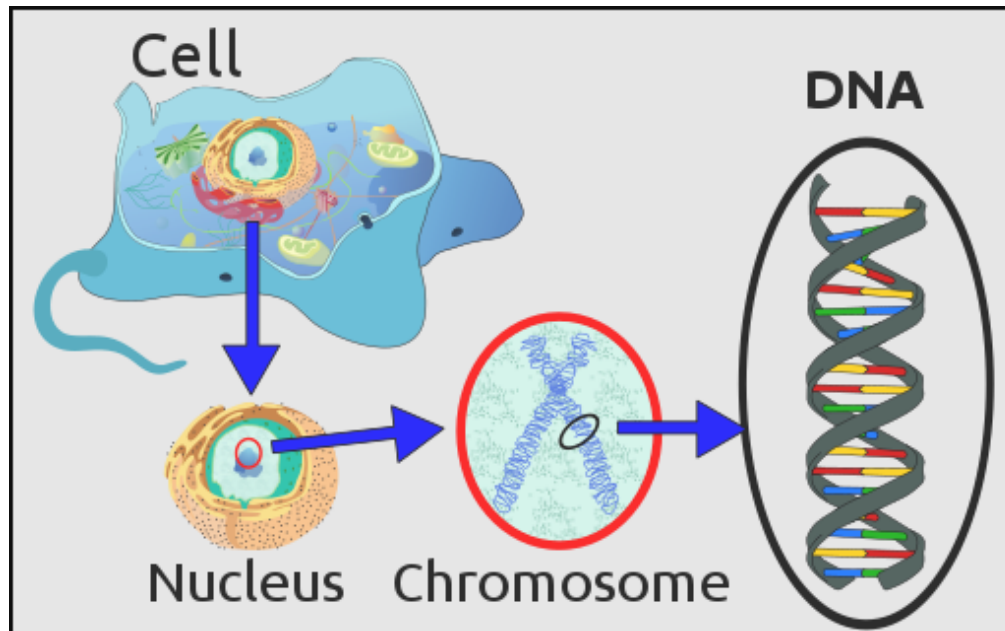
Cell Cycle:

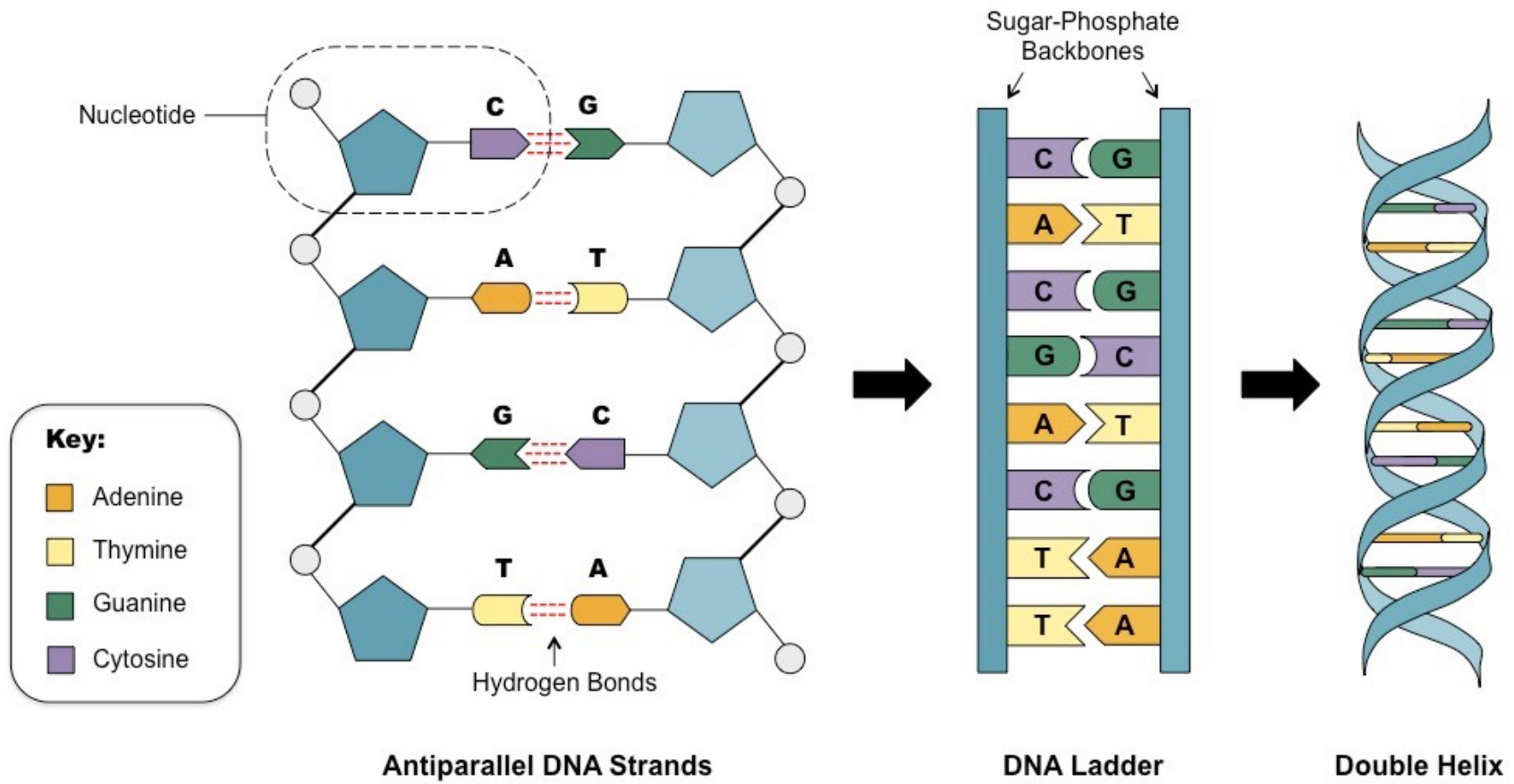
- Cells do not continue to grow, instead they divide
 - > DNA overload (a large cell would put too much demand on the DNA)
 - > Exchanging Materials (a large cell would produce and need too much material to move efficiently across the membrane)



What is DNA?

- instructions for the cell that provide all the information necessary to build and is the primary unit of heredity





Attachments

Data Table - Homeostasis Demo.docx