

the cell cycle.

Agenda/Assignments

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- Daily reading: 89-91 Read & Answer Questions

- Pass off mitosis

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The Cell Cycle

⊖ Interphase = Cell performs processes (protein synthesis, Respiration)

- G1 = Cell growing

⊖ S = DNA is replicated

- G2 = Finishes growing. Centrosomes appear.

- Mitosis = Cell Division

⊖ Prophase = DNA condenses into Chromosome pairs

- Prometaphase = microtubules attach to chromosomes

⊖ Metaphase = Chromosomes line up in the middle of the cell.

⊖ Anaphase = Chromosomes are pulled apart.

⊖ Telophase = New nucleus is formed. New organelles made

⊖ Cytokinesis = New cell membranes (cell finishes splitting)