

Unit Planner
Cellular Reproduction

Date	Day	Information Covered ~ Assignments ~ Homework Due
Mon 2/6	G	Chromosomes, Chromosomes WS
Wed 2/8	A	Mitosis, Mitosis WS
Thurs 2/9	B	Meiosis, Meiosis WS, Quiz on the Cell Cycle (25) HW DUE: p243 #1-4 & p249 #1-6 (20)
Fri 2/10	C	Review, Worksheets Due (60) HW DUE: p278 #1-5 (10)
Tues 2/14	E	Jeopardy
Wed 2/15	F	Substitute: GATTACA (40)
Thurs 2/16	G	Test: Cell Reproduction (200)

Essential Questions:

1. What problems does growth cause for cells?
2. What are the main events of the cell cycle and mitosis?
3. What happens during the process of meiosis?
4. How is meiosis different from mitosis?

Massachusetts Curriculum Frameworks:

- 2.6 Describe the cell cycle and the process of mitosis. Explain the role of mitosis in the formation of new cells, and its importance in maintaining chromosome number during asexual reproduction.
- 2.7 Describe how the process of meiosis results in the formation of haploid cells. Explain the importance of this process in sexual reproduction, and how gametes form diploid zygotes in the process of fertilization.
- 4.6 Recognize that the sexual reproductive system allows organisms to produce offspring that receive half of their genetic information from their mother and half from their father, and that sexually produced offspring resemble, but are not identical to, either of their parents.