

Honors Biology - Unit 2 Calendar - Cellular Reproduction

Date	Learning Goal (I can..)	Daily Activities	Homework
Wednesday, Feb. 17th	I can describe different reasons for cellular reproduction. I can describe the differences between sexual & asexual reproduction.	1. Warm Up: Your body is younger than you think article 2. Note Check 3. Sexual Vs. Asexual Reproduction Stations (this worksheet if absent or on ERL)	Notes on DNA & Specialized Cells
Thursday, Feb. 18th	I can describe chromosomes & read a karyotype to determine if there is a genetic disorder.	1. Go Over Unit 1 Test 2. Note Check 3. Karyotype Activity (due Mon.)	Stem Cell Notes
Friday, Feb. 19th	I can describe the different types of stem cells (embryonic, somatic, iPSCs), identify where they come from, explain the benefits & drawbacks of each.	1. Warm Up: Do different cell types have different DNA in their nucleus? 2. Note Check 3. Stem Cell Webquest	Notes on Cell Cycle & Mitosis Finish Karyotype Activity
Monday, Feb. 22nd	I can differentiate between the steps of the cell cycle, including mitosis.	1. Warm Up: Karyotype Lab (patients #1-3) 2. Turn in Karyotype Lab 3. Amoeba Sisters Video on Mitosis 4. Cell Cycle Practice Worksheet 5. Mitosis Flip-Book	Mitosis Worksheet
Tuesday, Feb. 23rd	I can differentiate between the steps of the cell cycle, including mitosis.	1. Warm Up: Mitosis Matching Activity (15 minutes) 2. Mitosis Onion Lab (due Thursday)	Notes on Controlling The Cell Cycle Onion Lab
Wednesday, Feb. 24th	I can analyze how changes in the cell cycle can lead to cancer.	1. Note Check 2. Amoeba Sisters Cell Cycle & Cancer Video 3. Controlling The Cell Cycle Webquest	Finish Mitosis Onion Lab Cancer Notes
Thursday, Feb. 25th	I can contrast characteristics of cancer cells with those of healthy cells & describe treatments for cancer.	1. Turn in Mitosis Onion Lab 2. Note Check 3. Cancer Prevalence Worksheet 4. Concept Map: Cancer	Cancer Concept Map Study for Unit 2 Test

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Friday, Feb. 26th		No School	
Monday, March 1st	I can contrast characteristics of cancer cells with those of healthy cells & describe treatments for cancer.	1. Warm Up: Small Group Discussion of Concept Maps & then turn in 2. Introduce Cancer Poster Project (due by start of class Wednesday)	Cancer Poster Project Study for Unit 2 Test
Tuesday, March 2nd	I can contrast characteristics of cancer cells with those of healthy cells & describe treatments for cancer.	1. Unit 2 Practice Assessment (20-30 minutes) 2. Work time for Cancer Poster Project	Finish Cancer Poster Project Study for Unit 2 Test
Wednesday, March 3rd	I can demonstrate my knowledge of the cell cycle and cancer.	Review For 2 Unit Test	Study for Unit 2 Test
Thursday, March 4th	I can demonstrate my knowledge of the cell cycle and cancer.	Unit 2 Test	DNA Coloring Worksheet