

Biology - Student Daily Calendar

Sept 1	Sept 2	Sept 3	Sept 4	Sept 5 Advisory/assem bly
No school Memorial Day	SHORT CLASSES 10min (FRESHMAN ONLY) Would you rather? (warm-up idea: have students write or name as many types of science as they can)	SS: Name 2 things you did over summer break that can relate to science. (all things are science) Saving Sam Lab	SS: Name 2 living things and 2 non living things that would be found in the same area. Name tent. get to know your genes Course description and Syllabus Due wed/thur Ecology basics slides with foldable Coloring and folding may take some time for the foldable Video for folding instructions	
Week 2: Ecology - Intro				
Sept 8	Sept 9	Sept 10 Short	Sept 11 + filler	Sept 12 Advisory/assem bly
SS: Give a possible interaction between 2 biotic and/or Abiotic factors. Setup interactive notebook Finish Ecology basics slides with foldable Intro to Eco/Vocab. Guided Notes And Prezi slides Amoeba sisters video clip (food web/energy pyramids) Worksheet		SS: Name the 6 types of feeders in an environment. Pogil: energy transfer Activity food web cards Foodchain energy Activity plus foldable 4 INB Activity cards you will need to cut these out	SS: Create a food web of 6 organisms. Open note quiz Notes on Ecological Relationship interactions Guided notes sheet	
Week 3: Ecology - Symbiosis				
Sept 15	Sept 16 + filler	Sept 17 Short	Sept 18	Sept 19
SS: Create a food web of 6 organisms. Open note quiz Notes on Ecological Relationship interactions Guided notes sheet	SS: Give 2 organisms and how they interact. Yellowstone wolves Full sheet questions (half sheet) Video link Symbiosis Relationship Matching Symbiotic Relationship Matching Cards (pages 5-10) cut out for activity		SS: If a quaternary consumer had 35 joules of energy what would each of the lower levels have? (Label) Keystone Species HHMI Video -20min Keystone Species Video Worksheet or you could have students write 8 facts from the video. BackYard Symbiosis activity. Link to web	

		cam of deer and critters		
Week4: Ecology - Populations				
Sept 22	Sept 23	Sept 24	Sept 25 + filler Advisory/asse m	Sept 26
SS: What are 5 benefits to organisms living in groups? Review video -6min about Ecological relationships. Have students write down pictures or info from video. WS if wanted. Which Symbiosis is it? Worksheet Populations Presentation printable slides Populations Guided Notes Digital Simulation on laptops		SS: Explain the difference between exponential and logistic growth. predator prey lab		SS: What was the trend for the predator prey lab? Crash Course Pop. Vid. QUIZ- Ecological relationships and populations Finish lab Study Guide
Week 5: Ecology - Test				
Sep 29	Sept 30 + filler	Oct 1	Oct 2	Oct 3 Advisory/assem bly
SS: What was the trend for the predator prey lab? Crash Course Pop. Vid. QUIZ- Ecological relationships and populations Finish lab	SS: Explain what a keystone species is and give an example. Finding Nemo OR Lion King Study Guide		SS: What is a test question you hope is on the test? And the answer to that question. Finish Finding Nemo OR Lion King Study Guide	
Oct 6	Oct 7	Oct 8	Oct 9	Oct 10
SS: Give examples of each level of organization. UNIT TEST Missing work		SS: Name 3 things you know about cells. Cell theory guided notes and presentation	SS: Give the 3 parts of the cell theory. Cell Theory Video Notes	SS: Name 3 things you know about cells. Cell theory guided notes and presentation

		Cell organelle INB activity cards	Cell Guided Notes (organelles) Slides	Cell Theory Video Notes Cell organelle INB activity cards
Oct 13	Oct 14	Oct 15	Oct 16 + filler	Oct 17
SS: Name 3 organelles and what they do. Amoeba sisters Grand cell tour video and questions (review) Cell Organelle Coloring Intro to Cells Lab - Pre-lab Questions	SS: Give the 3 parts of the cell theory. Cell Theory Video Notes Cell Guided Notes (organelles) Slides Cell Organelle Coloring	Pre-ACT PSAT SAT ASVAB	SS: Name 3 organelles and what they do. Amoeba sisters Grand cell tour video and questions (review) Intro to Cells Lab Pre-lab Questions	SS: Name 6 parts of a microscope.  Finish intro to cell lab Cell Analogy Project Study for quiz on Tuesday
Oct 20	Oct 21	Oct 22	Oct 23	Oct 24 Advisory/assembly
SS: Name 6 parts of a microscope.  Finish intro to cell lab Cell Analogy Project Study for quiz on wed.	SS: What are you comparing the cell to for your analogy of a cell project? QUIZ Egg Osmosis Lab version spanish Cell Analogy Project spanish version	SS: What is the difference between tea and sweet tea? Osmosis Video and Questions if needed Egg Osmosis Lab version spanish Cell Analogy Project spanish version		
Oct 27	Oct 28	Oct 29	Oct 30	Oct 31
SS: Describe and give examples of the 3 types of solutions, hypertonic, hypotonic, isotonic. Egg Osmosis Lab version spanish Cell Analogy Project spanish version	SS: For the following solutions compared to the egg, which are hypertonic, hypotonic, isotonic? Vinegar, corn syrup, water. Finish Lab and turn in. It is due today Analogy of a cell Project Due			SS: Describe what osmosis is and how the particles move. Osmosi Quiz

	Osmosis Review worksheet Spanish version Missing work End of Quarter 1	Cell Cycle & Mitosis Notes Slides
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