

Unit 1: Living World – Ecosystems

Date	Topic	Classwork/Homework
Tues 8/24	Phenology Study data collection day 2, work on sticky notes if you finish early	Biogeochemical Cycle Sticky Notes due tonight.*
Wed 8/25 (CPT)	Cycles Activity	AP Daily Video notes due Sunday*
Thurs 8/26	Biomes Introduction, Speed Dating Introduction & work day	Biome Speed Dating info due Monday!
Fri 8/27	Gizmos - Ecosystems	Gizmos Ecosystems due TONIGHT*
Mon 8/30	Biome Speed Dating Activity	
Tues 8/31	Owl Pellet Lab	Owl Pellet Lab conclusion due tomorrow
Wed 9/1 (CPT)	Symbiotic Relationships Card Sort, What are Ecosystem Services? Ecosystem Services Scavenger Hunt	Ecosystem Services Scavenger Hunt due TONIGHT*
Thurs 9/2	Review Gizmos (FRQ practice), Math Review Day	Unit 1 Progress Check on AP Classroom due Friday night
Fri 9/3	Primary Productivity Problem Set	Unit 1 Progress Check on AP Classroom due TONIGHT
Mon 9/6	Labor Day - NO SCHOOL	
Tues 9/7	Unit 1 Test	Bring Textbooks on Wednesday!
Wed 9/8 (CPT)	Test Corrections	

*** denotes an assignment on Schoology**

Objectives: Students will be able to....

- Explain the process of natural selection & cite evidence.
- Describe ways in which evolution influences biodiversity
- List the levels of ecological organization
- Compare and contrast the major types of species interactions
- Characterize feeding relationships and energy flow, using them to construct trophic levels and food webs
- Distinguish characteristics of a keystone species.
- Characterize the process of succession
- Describe and illustrate the terrestrial biome of the world.

Textbook Chapters

Ch 2: Earth Systems & Energy, Ch 4: Species Interactions & Community Ecology,

Ch 5: Environmental Systems and Ecosystem Ecology

This chapter we really start getting things under way and start to cover some of the major topics. This is a warning – we move fast! Don't fall behind. And make sure to come in if you have questions or need to review. There is no later in this class (as in "I'll do it later) because later just means even more work.

On another note, as of Wednesday we have 250 days until your AP Exam on May 3rd. One of the best things you can do is read the newspaper or listen to the news and connect what is happening in the real world with what we are learning in class. If you find something really interesting I would love to hear about it. So bring in a copy and maybe it'll be something I use in class.