

LESSON PLAN OUTLINE Week 1

Week of September 8-11, 2020 Course: Biology A Teacher: Darigan, A. Quarter 1 Week 1

	Tues	Wed	Thurs	Fri
Content Objective(s)	Community Building	Going over the information on course syllabus and class rules (Respect agreement activity)	(B). 12A Interpret relationships including predation, parasitism, commensalism, mutualism, and competition among organisms.	(B). 12A Interpret relationships including predation, parasitism, commensalism, mutualism, and competition among organisms.
Opening Activity	<i>Teacher's biography</i>	Teacher reads with students the information on the course syllabus	<i>Teacher's made PPT 44 slides</i>	Quiz on 12 A 29 MC questions
Direct Instruction or Re-teaching	Students complete the Information sheet	Students will underline and highlight the important information from the course syllabus	<i>Teacher's made PPT 44 slides</i>	Quiz on 12 A 29 MC questions
Guided Application	Each student will introduce him/ herself to the class and talks about their family, their interests in life, and more	Teacher & students will come up with class rules & the importance of following them using FWISD Classroom	3 Content connection videos: Fungi, plant and animal mutualism, and symbiosis: parasitism, a total	Quiz on 12 A 29 MC questions

		Respect Agreement	of 9 min (3 min each)7,4, 6	
Independent Practice	Each student writes about their biography on their own paper	Students will write their input and record it on their own paper	Students write the answer to the questions (7, 4, and 6)	HW: Students answer 21 MC STAAR Released test questions on 12 A
Assessment	Each student writes about their biography	Students will work in group of 4 and share their responses and come up with a poster board as a group to be posted on the wall	Students write the answer to the questions (7, 4, and 6)	HW: Students answer 21 MC STAAR Released test questions on 12 A

ELPS:

1E internalize new basic and academic language by using and reusing it in meaningful ways in speaking and writing activities that build concept and language attainment

1F use accessible language and learn new and essential language in the process

2D monitor understanding of spoken language during classroom instruction and interactions and seek clarification as needed

3B expand and internalize initial English vocabulary by learning and using high-frequency English words necessary for identifying and describing people, places, and objects, by retelling simple stories and basic information represented or supported by pictures, and by learning and using routine language needed for classroom communication

3E share information in cooperative learning interactions

3H narrate, describe, and explain with increasing specificity and detail as more English is acquired

Essential Questions:

What is symbiosis?

What are the different relationships among organisms?

How do symbiotic relationships, competition, and predation affect the balance of an ecosystem?

What is the difference between predation and competition?

What is the difference between symbiosis and competition?

Vocabulary:

- **Organism:** anything that has or once had all the characteristics of life.
- **Niche:** role, or position, of an organism in its environment; the ecological role played by an organism.
- **Mutualism** – a symbiotic relationship where both organisms benefit (+, +)
- **Parasitism** – a symbiotic relationship where one organism (parasite) benefits while the other organism (host) is harmed (+, -)
- **Parasite:** An organism that lives in or on another organism (host) and causes harm to the host. An organism that obtains nourishment and shelter from another organism. Some examples of parasites are tapeworms, fleas, barnacles.
- **Commensalism** – a symbiotic relationship where one organism benefits while the other organism is unaffected, neither helped nor harmed (+, 0)
- **Competition** – two or more organisms using the same limited resources causing some organisms to be unable to access the resources. Resources are food, water, shelter, space, light, mate, etc.
- **Predation** – an ecological relationship where one organism (predator) kills and eats the other organism (prey)
- **Host:** An organism within or upon which another organism (parasite, commensal, or mutualist) resides.
- **Habitat:** The area and conditions in which an organism lives.
- **Pollinator:** Something that carries pollen from the anther to the stigma in flowering plants.