

	MONDAY 9/7 (--) 12:30 – 2:00	TUESDAY 9/8 (A) 12:30 – 2:00	WEDNESDAY 9/9 (B) 12:30 – 2:00	THURSDAY 9/10 (A) 12:30 – 2:00	FRIDAY 9/11 (EOD PIT B) 11:55 – 1:25
	Objective(s): SWBAT * * * LABOR DAY	Objective(s): SWBAT *Identify key features of various terrestrial and aquatic biomes. *Effectively and efficiently present their biomes projects.	Objective(s): SWBAT *Define and provide examples of environmental systems. *Define and provide examples of positive and negative feedback loops. *Analyze real-world case study data and describe trends, then draw proper conclusions.	Objective(s): SWBAT *Correctly dissect an owl pellet and identify the bones within. *Create life-accurate food webs based on findings in an owl pellet. *Create (correctly construed and labeled) biomass pyramids based on their own calculations.	Objective(s): SWBAT *Showcase their mastery of the previous chapter content by doing well on their exam. *Describe the interactions between the components of the geosphere, hydrosphere, cryosphere, atmosphere, and biosphere. (TEKS 5.A) *Recognize and discuss real world environmental issues such as deforestation.
P	Engage LABOR DAY	Engage As students trickle in, they will have ~5 minutes to get ready. A biome themed timer lets them know how much time they have.	Engage Students get to pick their own class mascot! Each student gets a voice on which branch of the taxonomic tree the path should go down. <i>- Make sure the teacher starts with an example and maintains basic guidelines (no booing other students' choices, teacher has veto power, etc.)</i>	Engage As students come in, a majestic owl video is playing to set the theme. Alternatives: owl fun facts and/or funny pictures. When all students have arrived, the class will briefly review the most missed questions on last week's quiz.	Engage Students have ~15 minutes to study for their exam and prepare for the notebook check.
L A	Explore Explain Elaborate LABOR DAY	Explore Students will be presenting their biomes projects in an expo/speed dating format. Explain Students will fill out the notes sheet associated with each biome they are presented to. Elaborate At the end, students will be voting for the 3 best biome projects.	Explore Students will finish and turn in the lab from last class. Explain Then, students will be participating in a blended class lecture/discussion about Earth systems. Elaborate Students will be returning to the case study introduced at the beginning of the unit by reviewing its data and answering related questions.	Explore Students will be dissecting a real owl pellet in the lab! They will explore what the owl has eaten that can be found in the pellet. Explain Students will be filling out a lab worksheet that connects the pellet findings to food webs, biomass, and trophic levels. Elaborate Students will be competing in a review game to prepare for the	Explore Students will take the Chapter 2 assessment. Explain Students will begin chapter 3! This starts with a short lecture on Earth -spheres. The class mascot travels through each sphere. Elaborate Students will become acquainted with the Ch. 3 case study (a short reading + pictures) about rainforest loss and deforestation effects.

				exam next class. The game is on a booklet.	
N	Evaluate and Summary LABOR DAY	Evaluate and Summary Students will be turning in their papers for grading. Also filling out exit tickets.	Evaluate and Summary Students will be answering their daily reflection questions and the case study questions.	Evaluate and Summary Students will be filling out their exit tickets.	Evaluate and Summary Students will be answering their daily reflection questions (might be pushed to the next class). Students will turn in their notebooks for the chapter 2 notebook check.
Resources:	LABOR DAY	• Biomes Notes Sheet • 10 Minecraft Mods That Make Biomes Look AMAZING timer • ExitTicketsGeneral + Exit Ticket Questions	• OneZoom: Holozoa	• ExitTicketsGeneral + Exit Ticket Questions • https://youtu.be/3YrNrBDRsfM?si=U86R-I0FgLMD_MuK	• Satellite shows extent of terrible destruction to the planet - BBC • Tracking Amazon Deforestation from Above - NASA Science