ARC Week at Glance – Jackson (S1, W7)

Topic: Unit 1: The Living World – Ecosystems / Unit 2 – The Living World: Biodiversity

Course: AP Environmental Science Grade: 9 Dates: 9/15 – 9/19

	Learning Target (I am learning…)	Criteria for Success (I can…)	Activation/ Instruction	Collaboration/ Guided Practice	Independent Learning/ Assessment
			*(Include at least one/two formatives*in any part of the lesson as needed)*		
Monday	that ecosystems have structure and diversity that change over time.	describe ecosystem services. describe the results of human disruptions to ecosystem services.	Do Now: Daily FRQ for 2.1 Discuss Reassessment for Unit 1 Exam (Canvas)	Slides & Notes on Ecosystem Services Ecosystem Services Chalk Drawings (Group Poster)	Exit Ticket: FRQ for 2.2 (place in bin for Feedback) HW – AP Daily Videos and Flipped Notes on Unit 2.4 (Smedes Packet)
Tuesday	to describe environmental concepts and processes.	describe island biogeography. describe the role of island biogeography in evolution.	Do Now: Daily FRQ for 2.3	Slides & Notes on Island Biogeography Theory of Island Biogeography (Video and Worksheet)	Cold call students to discuss responses to worksheet. HW – Study for tomorrow's Checkpoint Quiz (2.1-2.3)
Wednesday	to describe environmental concepts and processes.	demonstrate mastery of environmental concepts and processes.	Do Now: Assessment expectations.	Student/Teacher Q&A Slides and notes on ecological tolerance	Quiz – Unit 2, Checkpoint 1 Practice Question on Ecological Tolerance (AP Classroom)
Thursday	how to use the scientific method to conduct a testable science experiment.	identify and explain the steps in the Scientific Method.			Nearpod: Scientific Method
Friday	the value of biodiversity and succession and how it influences ecosystems.	choose a topic and establish a testable question for my Science Fair Project.			Canvas Assignment – Students will be presented information on Scientific Topics and Questions. Afterward, Students will provide their Topic and Question for their science fair project.

Additional Info: **Minor Grade** **Major Grade** **Course materials and resources are available in Canvas.**

ARC Week at Glance – Jackson (S1, W7)

Topic: Unit 1: Atoms/ Unit 2: Properties and Bonding **Course: Chemistry** **Grade: 11** **Dates: 9/15 – 9/19**

	Learning Target (I am learning …)	Criteria for Success (I can…)	Activation/ Instruction	Collaboration/ Guided Practice	Independent Learning/ Assessment
			*(Include at least one/two formatives*in any part of the lesson as needed)*		
Monday	how changes in an atom's electrons influences the characteristics of that atom.	read spectroscope data to determine which gases are present in a mixture.	Do Now: determine Ground or Excited state for the following atoms	Slides on the emissions spectrum slides. Complete notes packet.	Practice worksheet on Electron Configuration and the Emission Spectra Exit Ticket: View the spectroscope image. Which element is not present in this mixture?
Tuesday	how changes in an atom's electrons influences the characteristics of that atom.	Review	Do Now: Write down 3 notable things that you have learned regarding the electron in this unit.	Whiteboard Activity (for Do Now responses and Practice Items)	Study Guide in Canvas. Independent Practice on Quizizz/Wayground Assessment on 9/17/2025.
Wednesday	how changes in an atom's electrons influences the characteristics of that atom.	demonstrate mastery of Bohr models, Lewis-Dot models, electron configuration, and the emission spectra.	Do Now: Assessment expectations.	Student/Teacher Q&A	The Electron Assessment After completing the assessment, students will be encouraged to independently complete the any other missing assignments. Reminder that the assignment for Thursday and Friday's Asynchronous Days are on Canvas.
Thursday	how to use the scientific method to conduct a testable science experiment.	identify and explain the steps in the Scientific Method.			Nearpod: Scientific Method
Friday	the value of biodiversity and succession and how it influences ecosystems.	choose a topic and establish a testable question for my Science Fair Project.			Canvas Assignment – Students will be presented information on Scientific Topics and Questions. Afterward, Students will provide their Topic and Question for their science fair project.

Additional Info: **Minor Grade** **Major Grade** **Course materials and resources are available in Canvas.**

ARC Week at Glance – Jackson (S1, W7)

Topic: Unit 1: Planet Earth Course: Environmental Science Grade: 9 Dates: 9/15 – 9/19

	Learning Target (I am learning…)	Criteria for Success (I can…)	Activation/ Instruction	Collaboration/ Guided Practice	Independent Learning/ Assessment
			*(Include at least one/two formatives*in any part of the lesson as needed)*		
Monday	the value of biodiversity and succession and how it influences ecosystems.	identify and describe each step in both Primary and Secondary Succession.	Do Now: View the terms below and determine if it refers to a step in Primary Succession, Secondary Succession, or Both.	Slides and Notes on Succession (questions and discussion throughout)	Exit Ticket: Write or illustrate how Primary Succession occurs. Succession Assessment on 9/17/2025.
Tuesday	the value of biodiversity and succession and how it influences ecosystems.	Review	Do Now: Arrange the pictures in a way to represent Secondary Succession.	Reading and Guided Questions on Succession (read, annotate, respond, discuss)	Exit Ticket: Kahoot! on Ecological Succession Succession Assessment on 9/17/2025.
Wednesday	the value of biodiversity and succession and how it influences ecosystems.	demonstrate mastery of primary and secondary succession.	Do Now: Assessment expectations.	Student/Teacher Q&A	Succession Assessment After completing the assessment, students will be encouraged to independently complete the any other missing assignments. Reminder that the assignment for Thursday and Friday's Asynchronous Days are on Canvas.
Thursday	how to use the scientific method to conduct a testable science experiment.	Identify and explain the steps in the Scientific Method.			Nearpod: Scientific Method
Friday	the value of biodiversity and succession and how it influences ecosystems.	choose a topic and establish a testable question for my Science Fair Project.			Canvas Assignment – Students will be presented information on Scientific Topics and Questions. Afterward, Students will provide their Topic and Question for their science fair project.

Additional Info: Minor Grade Major Grade Course materials and resources are available in Canvas.