ARC Week at Glance – Jackson (S1, W1)

Topic: Unit 0: Think Like a Scientist/Intro to APES Course: AP Environmental Science Grade: 9 Dates: 8/4 – 8/8

	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	Pre-Planning No Students				
Tuesday	about the expectations and routines for Chemistry class.	annotate to interpret and summarize the details of the course syllabus.	• Do Now – Assigned seating, pick up materials, submit signed papers. • Welcome! • Discuss handouts that they picked up and those at each lab table.	• Syllabus Jigsaw Activity (groups will collaborate to annotate sections of the syllabus and present to the class) • Discuss additional routines and expectations for class.	Ticket on the Door (using a sticky note, students will summarize the "spirit" behind the syllabus. HW: Join AP Classroom; review and sign lab safety contract.
Wednesday	lab safety.	identify and discuss the behaviors that are and are not permitted in a science lab setting.	Do Now - Video, observation, and discussion (Lab Safety DOs and DON'Ts by Culturally Relevant Science	Lab Safety Choice Board: What-Not-To-Do Laboratory, Lab Safety Card Sort, Lab Safety Scenarios Activity (group or independent /students must complete at least 2 out of the 3 activities)	• Annotate Lab Safety Contract • If lab safety contract is signed, please submit in the bin. • Reminder: Lab Safety Quiz tomorrow.
Thursday	learning about sustainability and human impact on the environment.	demonstrate mastery of lab safety rules and expectations. conduct a lab to explore the effects of natural resource consumption.	Do Now – Happy Fishing 5E: Engage Questions	Happy Fishing – Engage: Set fish values, discuss rules, run trials, collect data.	Lab Safety Test (start class with this assessment).
Friday	learning about sustainability and human impact on the environment.	explain the Tragedy of the Commons.	Do Now – Data analysis and reflection from Happy Fishing. (Student will write a reflection followed by Socratic Seminar)	• Complete Happy Fishing: Explain and Elaborate • Continue Socratic Seminar (emphasis on discussing the Tragedy of the Commons).	The Lorax: Reading and Response to FRQs Part 1

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

ARC Week at Glance – Jackson (S1, W1)

Topic: Unit 0: Think Like a Scientist Course: Chemistry Grade: 11 Dates: 8/4 – 8/8

	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	Pre-Planning No Students				
Tuesday	learning about the expectations and routines for Chemistry class.	annotate to interpret and summarize the details of the course syllabus.	• Do Now – Assigned seating, pick up materials, submit signed papers. • Welcome! • Discuss handouts that they picked up and those at each lab table.	• Syllabus Jigsaw Activity (groups will collaborate to annotate sections of the syllabus and present to the class) • Discuss additional routines and expectations for class.	• Ticket on the Door (using a sticky note, students will summarize the "spirit" behind the syllabus.
Wednesday	about lab safety.	identify and discuss the behaviors that are and are not permitted in a science lab setting.	• Do Now - Video, observation, and discussion (Lab Safety DOs and DON'Ts by Culturally Relevant Science	Lab Safety Choice Board: What-Not-To-Do Laboratory, Lab Safety Card Sort, Lab Safety Scenarios Activity (group or independent /students must complete at least 2 out of the 3 activities)	• Annotate Lab Safety Contract • If lab safety contract is signed, please submit in the bin. • Reminder: Lab Safety Quiz tomorrow.
Thursday	about lab safety.	conduct myself safely in a science lab setting. demonstrate mastery of lab safety rules and expectations.	• Do Now – Lab Safety Scenarios and Discussion	Student Teacher Q/A on lab safety, discuss annotations from yesterday's closing activity.	• Lab Safety Test • If time permits, Pre-Test on Unit 1: Atoms

Friday	about the use of the modern atomic theory and periodic law to explain the characteristics of atoms and elements. explain atomic theory and distinguish between various atomic models.	explain atomic theory and distinguish between various atomic models	• Do Now – Pre-Test on Atoms • Lab Safety reminder (contracts still needed; test online; can retake to earn a "5" by no later than Friday) • Whiteboard Braindump – What are atoms? (Write, draw, etc.)	Slides and fillable notes on Atomic Theory: History of the Atom	Atomic Theory Quiz (bottom of worksheet; place in bin for feedback)

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

ARC Week at Glance – Jackson (S1, W1)

Topic: Unit 0: Think Like a Scientist **Course: Environmental Science** **Grade: 9** **Dates: 8/4 – 8/8**

	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	Pre-Planning No Students				
Tuesday	learning about the expectations and routines for Chemistry class.	annotate to interpret and summarize the details of the course syllabus.	• Do Now – Assigned seating, pick up materials, submit signed papers. • Welcome! • Discuss handouts that they picked up and those at each lab table.	• Syllabus Jigsaw Activity (groups will collaborate to annotate sections of the syllabus and present to the class) • Discuss additional routines and expectations for class.	Ticket on the Door (using a sticky note, students will summarize the "spirit" behind the syllabus.
Wednesday	learning about lab safety.	identify and discuss the behaviors that are and are not permitted in a science lab setting.	Do Now – Video, observation, and discussion (Lab Safety DOs and DON'Ts by Culturally Relevant Science	Lab Safety Choice Board: What-Not-To-Do Laboratory, Lab Safety Card Sort, Lab Safety Scenarios Activity (group or independent /students must complete at least 2 out of the 3 activities)	• Annotate Lab Safety Contract • If lab safety contract is signed, please submit in the bin. • Reminder: Lab Safety Quiz tomorrow.
Thursday	learning about lab safety.	conduct myself safely in a science lab setting. demonstrate mastery of lab safety rules and expectations.	Do Now – Lab Safety Scenarios and Discussion	Student Teacher Q/A on lab safety, discuss annotations from yesterday's closing activity.	• Lab Safety Test • If time permits, Pre-Test on Unit 1: Planet Earth

Friday	about the scope of the Environmental Science field of study.	describe and illustrate various Environmental Science concepts.	Refresh on class procedures and expectations. Do Now – Turn & Talk: Watch video clip pertaining to environmental consequences of human action/inaction (precautionary principle). Group & class discussion.	Group Whiteboard Activity – Env. Sci. Concepts: Teacher will present a Env. Sci. concept and groups will be asked to illustrate or describe it based on their group discussion within 3 min. Groups will share. Teacher will provide feedback to groups as they work and after groups share aloud. Repeat process.	Students will write a synthesis statement expressing their perspective on Environmental Science. Students will place in bin prior to leaving class for feedback.

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