

## ARC Week at Glance – Jackson (S1, W18)

**Topic:** Unit 4 – Earth Systems and Resources    **Course:** AP Environmental Science    **Grade:** 9    **Dates:** 12/8 – 12/12

	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	about how earth’s systems interact, resulting in a state of balance over time.	explain how the sun’s energy affects the Earth’s surface.	Do Now: FRQ on Topic 4.7	Slides and Notes on Topic 4.7:  Unit 4 Packet: <ul style="list-style-type: none"><li>• Response items</li><li>• Bill Nye video</li></ul>	Exit Ticket: Topic 4.7 Quiz in AP Classroom.  HW: Video and notes for 4.7, 4.8, and 4.9
Tuesday	about how earth’s systems interact, resulting in a state of balance over time.	describe how the Earth’s geography affects weather and climate.	Do Now: FRQ on Topic 4.8	Slides and Notes on Topic 4.8:  Unit 4 Packet: <ul style="list-style-type: none"><li>• Response items</li><li>• Color and label map</li><li>• Draw and label rain shadow effect.</li></ul>	Exit Ticket: Topic 4.8 Quiz in AP Classroom.  HW: Unit 4 Progress Check; practice quizzes in Progress Learning
Wednesday	about how earth’s systems interact, resulting in a state of balance over time.	describe the environmental changes and effects that result from El Niño or La Niña events (El Niño–Southern Oscillation).	Do Now: FRQ on Topic 4.9	Slides and Notes on Topic 4.9:  Unit 4 Packet: <ul style="list-style-type: none"><li>• Response items</li><li>• Video: National Geographic – El Niño and La Niña</li></ul>	Exit Ticket: Topic 4.7 Quiz in AP Classroom.  HW: Unit 4 Progress Check; practice quizzes in Progress Learning
Thursday	about how earth’s systems interact, resulting in a state of balance over time.	describe the characteristics of a watershed.	Do Now: Technology Check (AP Classroom)		Unit 4 Exam
Friday	about how earth’s systems interact, resulting in a state of balance over time.	Reckoning Day (review, remediate, differentiate)	Do Now: Final Exam Expectations and Resources	Respond to the items on the Study Guide (FRQ style)	Students can complete the Unit 4 Exam.

**Additional Info:**

**Minor Grade**

**Major Grade**

**Course materials and resources are available in Canvas.**

## ARC Week at Glance – Jackson (S1, W18)

**Topic: Science Fair Project**

**Course: Chemistry**

**Grade: 11**

**Dates: 12/8 – 12/12**

	Learning Target (I am learning ...)	Criteria for Success (I can...)	Activation/ Instruction	Collaboration/ Guided Practice	Independent Learning/ Assessment
			<i>(Include at least one/two formatives*in any part of the lesson as needed)</i>		
<b>Monday</b>	Final Exam Prep	evaluate my current understanding of various Chemistry topics.	Do Now: Technology Check (Canvas)	Students will receive copies of the Semester 1 Final Exam Study Guide and begin responding to the items that are listed.	Practice/Diagnostic Semester 1 Exam (Over Units 1, 2, 3A; Canvas)
<b>Tuesday</b>	Final Exam Prep	Unit 1 Review	Do Now: History of the Atom (sorting activity)	Review: Atoms, Atomic Structure, Electron Configuration	Exit Ticket: Quizziz on Atoms, Atomic Structure, Electron Configuration
<b>Wednesday</b>	Final Exam Prep	Unit 2 Review	Do Now: Physical vs. Chemical Properties (sorting activity)	Review: Physical vs. Chemical Properties, Molecular Bonding	Exit Ticket: Quizziz on Physical vs. Chemical Properties, Molecular Bonding
<b>Thursday</b>	Final Exam Prep	Unit 3A Review	Do Now: Endothermic vs. Exothermic Scenarios	Review: Types of chemical reactions, endo-/exothermic reactions, factors affecting chemical reactions.	Exit Ticket: Quizziz on Types of chemical reactions, endo-/exothermic reactions, factors affecting chemical reactions.
<b>Friday</b>	Final Exam Prep	Cumulative Review	Do Now: Kahoot! on Semester 1 Chemistry content and Lab Safety  Update and discussion on progress through Study Guide	Jeopardy – Semester 1 Chemistry content	Time to work independently on the Study Guide

**Additional Info:**

**Minor Grade**

**Major Grade**

**Course materials and resources are available in Canvas.**

## ARC Week at Glance – Jackson (S1, W18)

**Topic: Final Exam Prep**

**Course: Environmental Science**

**Grade: 9**

**Dates: 12/8 – 12/12**

	Learning Target (I am learning...)	Criteria for Success (I can...)	Activation/ Instruction	Collaboration/ Guided Practice	Independent Learning/ Assessment
			<i>(Include at least one/two formatives*in any part of the lesson as needed)</i>		
<b>Monday</b>	how to synthesize the content from this semester to create a new organism that can exist in a specific biome.	create a slideshow or poster on my organism.	Do Now: Semester grade breakdown; Final Exam Expectations  Distribute study guides		Students will complete and submit their Organism Project.  Students will begin responding to the items on the Study Guide.
<b>Tuesday</b>	Final Exam Prep	Unit 1 Review	Do Now: Biological Levels of Organization (sorting activity)	Review: Biological Levels of Organization, Energy Transfer in Ecosystems, Biodiversity	Exit Ticket: Quizziz on Ecology
<b>Wednesday</b>	Final Exam Prep	Unit 2 Review	Do Now: Label the parts of the Water Cycle	Review: Biogeochemical Cycles, Greenhouse Effect	Exit Ticket: Quizziz on Biogeochemical Cycles
<b>Thursday</b>	Final Exam Prep	Unit 3A Review	Do Now: Effects of Ocean Acidification (mini-quiz)	Review: Human activities on natural resources	Exit Ticket: Quizziz on Human Impact
<b>Friday</b>	Final Exam Prep	Cumulative Review	Do Now: Kahoot! on Semester 1 Environmental Science content and Lab Safety  Update and discussion on progress through Study Guide	Jeopardy – Semester 1 Environmental Science content	Time to work independently on the Study Guide

**Additional Info:**

**Minor Grade**

**Major Grade**

**Course materials and resources are available in Canvas.**