

ARC Week at Glance Jackson (S2, W2)

Topic: Unit 5 Land and Water Use Course: AP Environmental Science Grade: 9 Dates: 1

Friday	when humans use natural resources, they alter natural systems.	Assessment describe the benefits and drawbacks of different methods of irrigation.	Unit 5, Checkpoint #1 Quiz (Canvas)	Soil Salinization Lab (Day 2 examine samples, collect data, establish conclusions, response questions)	After collecting group data, students will independently establish conclusions and complete response questions. Submit lab sheet for grading and feedback. HW AP Daily Videos for 5.10 and Smedes 5.10
---------------	--	--	-------------------------------------	--	--

Additional Info:

Literacy Task

Minor Grade

Major Grade

Course materials and resources are available in Canvas.

ARC Week at Glance Jackson (S2, W2)

Topic: Unit 3B -

Course: Chemistry

Grade: 11

Dates: 1/6 1/10

	Learning Target	Criteria for Success	Activation/ Instruction	Collaboration/ Guided Practice	Independent Learning/ Assessment
			<i>(Include at least one/two formatives*in any part of the lesson as needed)</i>		
Monday	Kinetic Molecular Theory	describe how heating and cooling curves function.	Do Now: List as many states of matter as you can then create a diagram that shows the cycle of the states of matter on dry erase board at your desk.	Slides on Heating/Cooling Curves and Phase Change Diagrams (Day 1; focus on heating and cooling curves) I / We / You Do (Handout)	Exit Ticket: Why are heating and cooling curves useful. What is a visual difference between heating and cooling curves.
Tuesday	Kinetic Molecular Theory	describe how phase change diagrams function.	Do Now: Practice items involving labeling a heating curve.	Slides on Heating/Cooling Curves and Phase Change Diagrams (Day 2; focus on phase change diagram) I / We / You Do (Handout)	Exit Ticket: In 3-5 sentences, explain how one should view and interpret phase change diagrams. (Explain wht these diagrams are helpful in science). Submit handout on Canvas for feedback and grading.
Wednesday	Kinetic Molecular Theory	conduct demonstrations to examine differences among convection, conduction, and radiation (Review)	Do Now: Lab Safety and expectations.	Thermal Energy Stations Lab.	Students will submit their lab sheets in Canvas for feedback and grading.
Thursday	Kinetic Molecular Theory	Review	Do Now: Dei8 MCID 50BDC H72		

ARC Week at Glance Jackson (S2, W2)

Topic: Unit 3B Humans on Earth

Course: Environmental Science

Grade: 9

Dates: 1/6 1/10

	Learning Target	Criteria for Success	Activation/ Instruction	Collaboration/ Guided Practice	Independent Learning/ Assessment
			<i>(Include at least one/two formatives*in any part of the lesson as needed)</i>		
Monday	how humans impact the environment.	discuss the various risks that mining for natural resources presents.	Do Now: lab, what are some things that you would do differently to yield better results.	Cookie Mining Lab (Day 2 perform calculations, analyze data, response questions)	Exit Ticket: What is something that you would do differently with this lab activity to potentially improve your chances of yielding greater profit? Explain.
Tuesday	how humans impact the environment.	conduct research on oil drilling and oil spills to examine how they impact the environment.	Do Now: Based on our Oil Spill Cleanup Lab from last week, do you think cleaning up oil spills are safe and easy to do? Explain.	Oil Spill and Oil Drilling Essay (explain rubric, conduct research, fill in graphic organizer)	Exit Ticket: What are 2 interesting pieces of information that you found today on oil spill and oil drilling? (dry erase board)
Wednesday	how humans impact the environment.	synthesize my research on oil drilling and oil spills to describe how they impacts our environment.	Do Now: After conducting your research, do you think that drilling for oil is worth it? Explain.	Oil Spill and Oil Drilling Essay (review rubric; write essay; incorporate response from Do Now)	Exit Ticket: Students are to submit their essays in Canvas for feedback and grading.
Thursday	how humans impact the environment.	explain how the effects of human population growth influences the sustainability of natural resources			