

ARC Week at Glance ñ Jackson

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Friday

Kinetic Molecular Theory.

demonstrate mastery of endo-/exothermic reactions.

Do Now: Technology Check

Student/Teacher Q&A

Endo-/Exothermic Reactions Assessment

Science Fair Project follow up
(after F5 9E 7B BDC 3ETQ EMC)

ARC Week at Glance ñ Jackson (S1, W16)

Unit 3: Humans on Earth

Course: Environmental Science

Grade: 9

Dates: 11/18 ñ 11/22

	Learning Target (I am learningē)	Criteria for Success (I canē)	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 to conduct a testable science experiment.	communicate the variables, materials, and procedure for my experiment.	Do Now: Review Science Fair Checkpoint	Ensure that students have their question, research, hypothesis, independent variable, dependent variables, control variables, constants, materials, and procedure sections of their science fair project completed. Example of the science fair project slideshow.	Exit Ticket: Written feedback survey on the Science Fair Project (Canvas).
Tuesday	how humans impact the environment.	conduct a lab to gather data on natural resource consumption by humans.	Do Now: How have humans changed the planet?	Lab Happy Fishing (Part 1; Engage, Explore, & Data)	TedED video on the Tragedy of the Commons. Exit Ticket: Identify a natural resource that humans over use and provide a solution to address the issue.
Wednesday	how humans impact the environment.	analyze data from my lab and conduct research to describe the Tragedy of the Commons.	Do Now: Who in your group earned the most money from fishing? How many fish were left in your ocean at the end? Any lab?	Lab Happy Fishing (Part 2; Explain)	Exit Ticket: Summarize the concept of Tragedy of the Commons in 2-3 complex sentences
Thursday	how humans impact the environment.	apply the data from my lab and the research I conducted to summarize the Tragedy of the Commons.	Do Now: Issue or No Issue (slides with images, students will decide, cold call for stude		

Friday	how humans impact the environment.	conduct research to examine environmental issues caused by humans.	Do Now: What are 3 things that you do that impact the environment?	Webquest Human Impact on the Environment	Exit Ticket: What is your Ecological Footprint Score? What is your highest area of consumption? What is something that you could do to reduce your Ecological Footprint?
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