

ARC Week at Glance Jackson (S2, W8)

Topic: Unit 6 Energy Resources and Consumption & Unit 7 Atmospheric Pollution

Course: AP Environmental Science Grade: 9 Dates: 2/24 2/28

	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	that humans use energy from a variety of sources, resulting in positive and negative consequences.	perform dimensional analysis to calculate energy usage. Review	Do Now: FRQ for 6.12 and 6.13	Energy Math (I/We/You Do)	Complete Unit 6 Progress Checks A & B in AP Classroom. HW: Study for Unit 6 Exam (access the resources that are on the test prep page in Canvas.)
Tuesday	that humans use energy from a variety of sources, resulting in positive and negative consequences.	demonstrate mastery of energy sources, production, uses and outcomes.	Do Now: Assessment Expectations		Unit 6 Exam HW: Submit any outstanding assignments in Canvas for feedback and grading.
Wednesday	human activities have physical, chemical, and biological consequences for the atmosphere.	conduct research to describe the use and effects of various energy sources.	SUBSTITUTE TEACHER (Learning tasks and instructions are posted in Canvas.)		Complete the Unit 7 Progress Check in AP Classroom HW: AP Daily Video and Smedes Notes for 7.1 & 7.2
Thursday	human activities have physical, chemical, and biological consequences for the atmosphere.	identify the sources and effects of air pollutants. explain the causes and effects of photochemical smog and methods to reduce it.	Do Now: FRQ for 7.1 and 7.2 Unit 7 Overview and Timeline (Expectations)	Slides and Notes to Introduce Air Pollution Biozone Photochemical Smog (worksheet)	Exit Ticket: What are 2 types of air pollutants and explain where they come from and how it effects people or the environment. How can photochemical smog effect humans and how can its presence be reduced? HW: AP Daily Videos and Smedes Notes for 7.3

Friday

human activities have physical, chemical, and biological consequences for the atmosphere.

conduct an experiment to examine the type and quantity of air particulates that are in places I routinely visit.

Do Now: FRQ for 7.3

Air Particulates Lab (setup and

Exit Ticket: Share one (1) location that you chose to collect data and your prediction regarding the air particulates in that area.

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Topic: Unit 3B

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Topic: Unit 3B Humans on Earth Course: Environmental Science Grade: 9 Dates: 2/24 2/28

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			(Include at least one/two formatives*in any part of the lesson as needed)		

Monday

how humans impact the environment.

analyze