Agenda for the Week: Weather Forecast $\ensuremath{\mathsf{PBI}}$

DATES October 18-22

	MONDAY (A) A3 11:45-13:26 A4 13:30-15:00 *GOOD OBSERVATION DAY	TUESDAY (B)	WEDNESDAY (A) A3 11:45-13:26 A4 13:30-15:00 *GOOD OBSERVATION DAY PROJECT DAY	THURSDAY (B)	FRIDAY (A) A3 11:45-13:26 A4 13:30-15:00 *GOOD OBSERVATION DAY
	PROJECT DAY PROJECT DAY Objective(s): SWBAT * Predict local effects of cold, warm, and stationary fronts and their direction of motion * Label areas of high and low pressure and warm and cold fronts on a map * Illustrate the symbols for cold and warm fronts as well as direction of motion		 Objective(s): SWBAT Predict local effects of cold, warm, and stationary fronts and their direction of motion * Label areas of high and low pressure and warm and cold fronts on a map * Illustrate the symbols for cold and warm fronts as well as direction of motion 	B-day Mr. Pieniazek only teaches classes A-days	 PROJECT DAY (FINAL) Objective(s): SWBAT Predict local effects of cold, warm, and stationary fronts and their direction of motion Label areas of high and low pressure and warm and cold fronts on a map Illustrate the symbols for cold and warm fronts as well as direction of motion
P	Engage: Would you rather do SLO at the start of class or the end of class?		Engage: Reflecting on the SLO we had a couple weeks ago. Students will take some time to review their correct and incorrect answers as well as give reasons why they got particular answers right or wrong.		Engage: Last project workday. Students should work for 45 minutes wrapping their projects up where the 30+ minutes of class will be used to present either to the class or to another group.
L	Explore: Students will continue working in their table groups on their projects. A Google Slide deck was created bringing together important student questions in one place that will serve to guide students through important ideas of what should be included from the project rubric. This is the second "real" project workday. There will be two more after this. Explain: Students will talk about and assess their progress on the questions that need to be answered for the final		 Explore: Students will continue working in their table groups on their projects. A Google Slide deck was created bringing together important student questions in one place that will serve to guide students through important ideas of what should be included from the project rubric. This is the third "real" project workday. There will be one more after this to finalize, submit, and/or present. Explain: Mini lesson on isobars and air pressure to serve as scaffolding for the project to assist students with making their diagrams. 		 Explore: Students will continue working in their table groups on their projects. This is the final "real" project workday. Students will need to finalize, submit, and/or present on this day. Explain: Presentations for those students who need to present their final product. Elaborate: Recognize and congratulate students for their hard work during the project's duration. Let them know this was the first time this project has been implemented for the 8th grade science class. It may be
	product. Elaborate: Station rotation where there will be three stations: Goals/roles, Final product brainstorming, and	on A-		s on	appropriate for the teacher to create a Google form to receive some feedback on the components of the project.

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	Teacher time. Goals/roles will		Evaluate:
	be used so students can think		https://www.dropbox.com/s/
	of 3 group roles: what are		n9n44120ym4a26i/weatherf
	ways they can support each		orecastrubric.pdf?dl=0
	other throughout the duration		or ceusir usricipuitur o
	of the project. They will also		
	think of individual goals for		
	themselves, how each member		
	will carry their weight, and		
	how the work will be split up.		
	Brainstorming time will be		
	used for students to think		
	about their final product. How		
	will the students want to		
	present the information		
	covered from the rubric? A		
	live forecast, a YouTube		
	video, written report, recorded		
	visual weather sheet, etc. Teacher time will be used to		
	answer any burning questions		
	and probe students curiosity		
	about their final product ideas.		
	Summary: Students will wrap	Summary: Students will wrap up	Summary: Students will wrap up
	up weather with a 3-day PBI	weather with a 3-day PBI on making	weather with a 3-day PBI on
	on making a weather forecast	a weather forecast for a particular	making a weather forecast for a
	for a particular region of the	region of the world. Important	particular region of the world.
	world. Important details will	details will include air masses,	Important details will include air
	include air masses,	fronts/weather symbols, high + low	masses, fronts/weather symbols,
	fronts/weather symbols, high	pressure, and wind directions in a	high + low pressure, and wind
	+ low pressure, and wind	neat presentable format where a	directions in a neat presentable
	directions in a neat	video for example can be made as	format where a video for example
	presentable format where a	the final product.	can be made as the final product.
	video for example can be	*	*
	made as the final product.		
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	Resource Requirements:	Resource Requirements:	Resource Requirements:
	- Chromebook/computer	- Chromebook/computer	- Chromebook/computer
Ce	- Posterboard	- Posterboard	- Posterboard
nr	- Art supplies	- Art supplies	- Art supplies
Resources:	int supprise	r ne supplies	in suppres
Ke l			
L	I		