

Jordan's Water Usage:
Notes

Bell Ringer

Look at the slide "Calculating Water Usage." On this worksheet, record the amount of water needed to sustain a single day. For this, imagine your breakfast is a bowl of cereal, your lunch is grilled chicken, and your dinner is tacos with chips for a snack.

Activity	How much time/Amount	Total
Drinking Water		
Bowl of Cereal (w/ 2 glasses of milk)		
Grilled Chicken (w/ 1 glass milk)		
Tacos		
Snack		
Showering		
Bathroom Trips		
	Daily Water Usage:	
	Per Year:	

Jordan's Environment

1. How much rain does Amman get per year, and when do they get it?

2. How much rain does Southern Jordan get per year?

3. What two saltwater seas are located in Jordan?
 - a. How salty is the water in the Dead Sea compared to the Bering Sea?

 - b. What countries share these seas?

4. Why are rivers like the Jordan river not practical for drinking water?

5. What are two ways that the Nabatean Kingdom used to adapt to their dry environment?

6. How much water has the Dead Sea lost in recent decades? What are some factors that contributed to this?

7. How much has Jordan's population grown since the 1950s? What is one factor to this growth?

8. What are *aquifers*?
 - a. Where are Jordan's aquifers located?

 - b. How has Jordan traditionally used these aquifers?

c. What happened to the aquifer in Azraq in 1990?

9. What is *greywater*?

a. What are some types of greywater that are found in your home?

b. According to the video, how do countries like Jordan treat greywater so it can be used in the future?

10. What is *desalination*?

a. What body of water in our community needs desalination before it can be drinkable?

b. According to the video, how does Jordan plan to desalinate their seas? What primary obstacle do they face in doing this?