

Resources, Shared Wisely

Trace how careful choices can protect people and the environment.

6.11.A “research and describe why resource management is important in reducing global energy poverty, malnutrition, and air and water pollution; and”

NAME _____

DATE _____

1 READ AND MARK _____ Read it twice

YOUR JOB Underline each sentence that states or explains how resource management affects energy poverty, malnutrition, or air or water pollution. Write E, M, or P beside it, and write every matching label if a sentence addresses more than one concern.

Using Resources With Care

- ① Resource management means planning how people use materials, water, land, and energy so less is wasted and fewer people are harmed. In many places, families cannot afford or reach reliable electricity or clean cooking fuel. This is called energy poverty. Communities can reduce it by repairing power lines, using efficient appliances, and choosing local renewable sources such as sunlight or wind. These choices make limited energy supplies serve more homes and can lower fuel costs.
- ② Malnutrition happens when people do not get enough nutrients for healthy growth and body functions. Resource management can protect food supplies. Farmers may use drip irrigation to deliver water near plant roots, store grain in dry containers, and compost food scraps to improve soil. These practices can grow or save more food while using less water and reducing waste. When food is less likely to spoil or crops are more reliable, families have a steadier supply of nutritious food.
- ③ Managing fuels also protects air and water. Burning coal, oil, wood, or gas releases pollutants into the air, although cleaner energy and efficient stoves can reduce that pollution. Fuel-related activities, including drilling, mining, fuel spills, and ash disposal, can contaminate water when materials enter rivers, lakes, or groundwater. Saving energy reduces the amount of fuel that must be extracted and burned. Careful planning therefore can reduce energy poverty and malnutrition while keeping air and water cleaner for everyone.

2 ANSWER WITH EVIDENCE _____ Use the passage

1 Which three choices can a community make to help reduce energy poverty? How can these choices help families?

2 Explain how two food-management practices in the passage can help reduce malnutrition.

3 How do fuel use and fuel-related activities affect both air and water?

4 How does careful resource planning connect energy poverty, malnutrition, and pollution?

3 YOUR TURN _____ Your own words

Choose one resource-management action for an imaginary community. Write exactly three sentences that name the action and explain how it could reduce at least two of these concerns: energy poverty, malnutrition, air pollution, or water pollution.

PART 1 • READ AND MARK

Underline each sentence that states or explains how resource management affects energy poverty, malnutrition, or air or water pollution. Write E, M, or P beside it, and write every matching label if a sentence addresses more than one concern. Accept any marking that follows this job and points at the right text.

PART 2 • ANSWERS

#	QUESTION	ANSWER
1	Which three choices can a community make to help reduce energy poverty? How can these choices help families?	Repair power lines, use efficient appliances, and choose local renewable energy sources. These choices can serve more homes and lower fuel costs.
2	Explain how two food-management practices in the passage can help reduce malnutrition.	Drip irrigation can help crops grow while using less water, and dry grain storage can prevent food from spoiling. Composting can also improve soil and help grow more food.
3	How do fuel use and fuel-related activities affect both air and water?	Burning coal, oil, wood, or gas releases air pollutants. Drilling, mining, spills, and ash disposal can contaminate water when materials enter water sources.
4	How does careful resource planning connect energy poverty, malnutrition, and pollution?	It can help provide reliable energy and nutritious food while keeping air and water cleaner. Reducing waste and managing fuels, food, and water carefully can address several problems at once.

PART 3 • YOUR TURN (SAMPLE ANSWER)

Riverton will install solar panels at a community center, share the electricity with nearby homes, and power water pumps for gardens. This reliable electricity can reduce energy poverty, and it avoids air pollution from burning fuel. Watered gardens can produce more nutritious food, helping reduce malnutrition.

Accept equivalent explanations that accurately connect a management action to the stated concern or concerns. For the open response, accept any realistic action with exactly three sentences and clear, accurate effects on at least two named concerns.