

Bringing Water to a Lesotho Village VWC Research and Design Guide (VWCR&D)

Research Directions: Collect the data you will need to plan a water supply system from the *Water in Africa* website about Lesotho at www.peacecorps.gov/wws/water/africa/countries/lesotho. An example is provided.

Information Source	What is the water source?	How is water brought to the locations?	How is the water used?
Photo LE0401	Borehole	Young girls fetch it and carry it to school	Drinking, washing hands

What conclusions can you draw from the photos and stories of the Peace Corps Volunteers to answer the question, “How do communities acquire water sources?” Write your conclusion below. Continue your response on the back of this sheet if necessary.

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Design Directions: Refer to your research and the handouts *Examples of Water Acquisition Systems* and *Summary of Water Supply Provision Process in Lesotho* to develop a plan to bring water to your village in Lesotho. Make sure you also consult the diagrams on the *Water in Africa* website at <http://www.peacecorps.gov/wws/water/africa/resources/diagrams.html>. You and your VWC must make big decisions regarding where the supply of water originates and how you get it to the village. Answer the questions below to help you make those decisions.

1. In what geographic region is your village situated? (Check your topographical map.)
2. What is the name of your village?
3. Where do you get your present supply of water? Does it run all year? What is its condition? Describe it.
4. After completing your research and reading about how your committee should proceed, what kind of system will you plan?
5. What materials will you need?
6. Where will you get the materials? How will you get them?
7. What is the purpose of your system?

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8. Give an example of a similar system that you found through your research.

9. How is your system different from the system presently used?

10. How will it affect the overall health of the village?

11. How is it different from what a rural/urban community in the United States would have.

12. Give a written description of the water supply system you will present to the village. Include drawings, diagrams, and models.