

2.10 Unit 2 Quiz and Reflection

Summary

Students complete Unit 2 by taking a quiz. As a class, students reflect on the Water Town activity.

Learning Objectives

After this class, students will be able to:

- Review and discuss the results of a project.

Materials

None for this class.

Time

80 minutes

Procedure/Pacing

1. Administer a quiz on this unit.
2. As a class, discuss the different designs of the water distribution network. Discuss the questions from the Water Distribution Network worksheet:
 - Which of the ports had the lowest flow rate for the individual measurement? Why?
 - Which of the ports had the lowest flow rate for the “all open” measurement? Why?
 - Was there a difference between these two ports? Why or why not?
 - What could be done to increase the flow rate at the “worst” two ports?
3. Discuss any problems that the student encountered during the lab and how they solved them.
4. Have groups compare their networks. What were the differences, and what were the similarities? Were there any differences in their results?

In-Class Assignment

Unit 2 Quiz

Resources

Homework

Assignment 3.1h: Introduction to Computer Science

Developed through a partnership between the University of Utah College of Engineering and Granite School District