

Name \_\_\_\_\_ Period \_\_\_\_\_ Date \_\_\_\_\_

## Experimental Design Analysis

A group of student wanted to find out how fast the water at Falls Lake was retreating during a drought. Falls Lake provides the drinking water for the area and it is very important that the water be managed during a drought.

Carefully read over the Experimental Design Plan created by these students and their procedures. Analyze their experiment and look for mistakes as well as areas that need improvement. Use the chart below to keep track of your improvements.

Part of the Experimental Design	How can you improve it?

**Answer the following questions in complete sentences.**

Do you think this experiment will answer the question it is based on?

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Do you think there are major flaws in this experiment? Explain.

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Look at your list of improvements. Which one improvement do you think it most important? Explain why you feel this way.

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