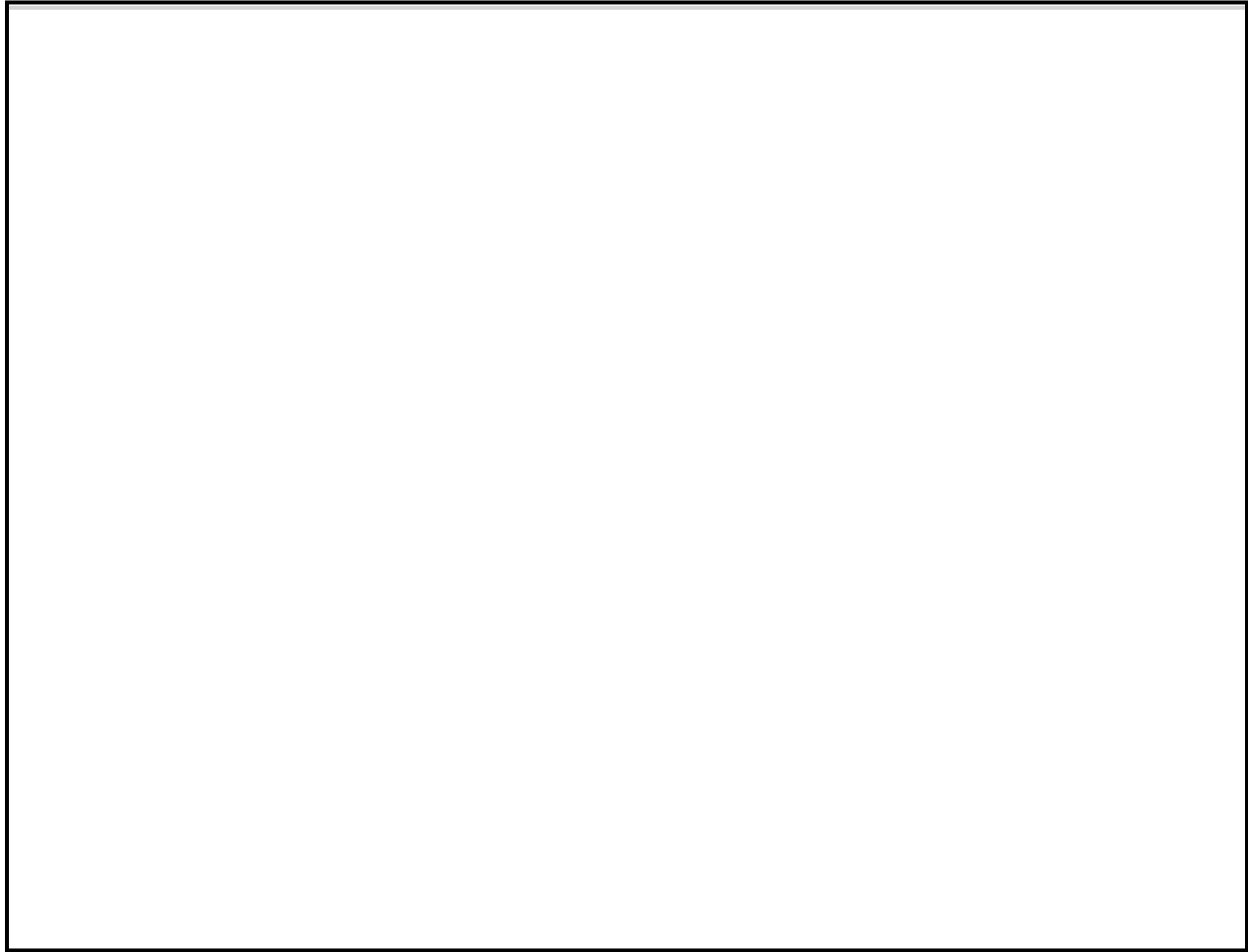


Team Names: _____ Date: _____

Water Desalination Plant Design Worksheet

Design #1

In the space provided below, sketch your desalination plant.
Use labels to describe the materials you will be using.



Teacher approval: _____ Date: _____

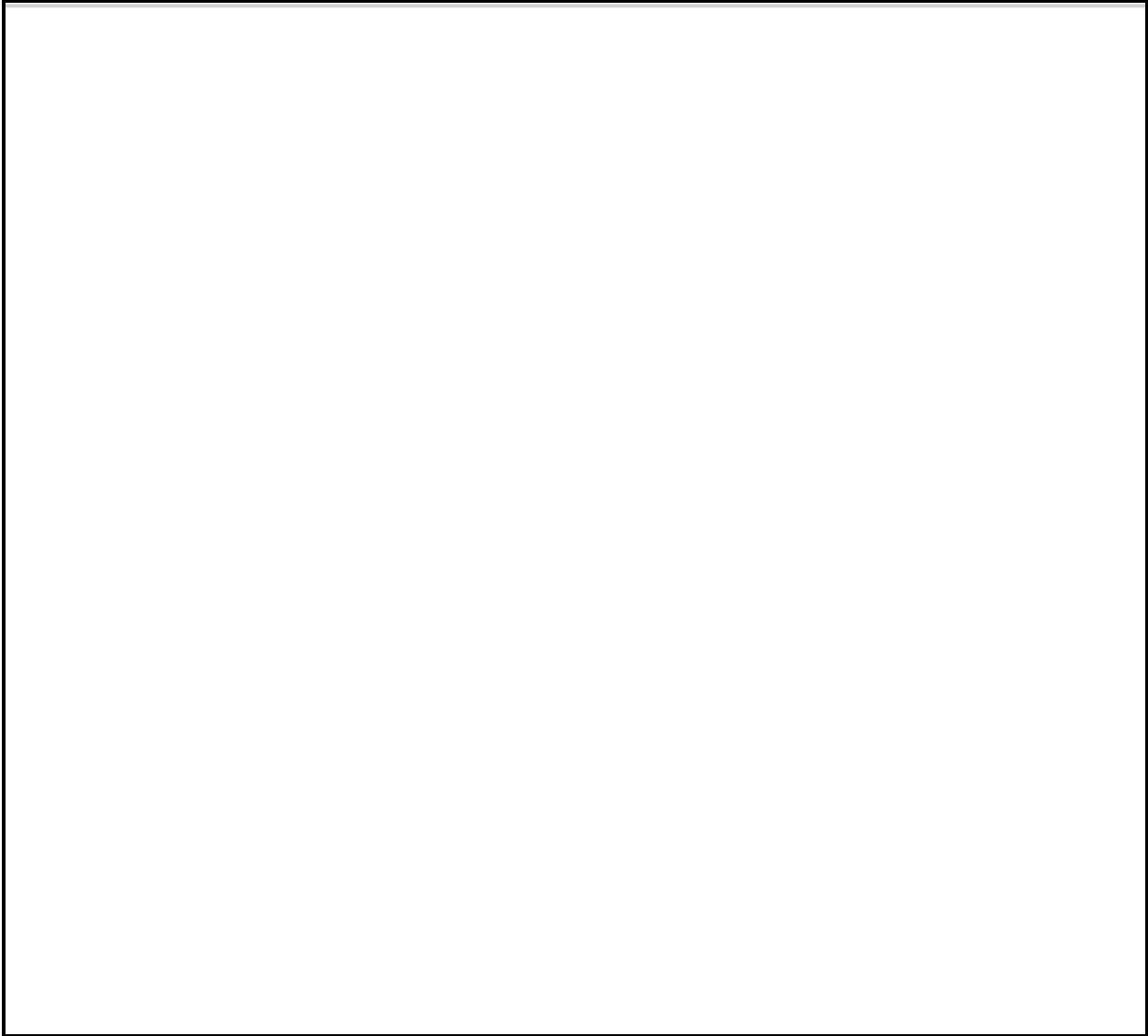
Questions

1. Did you collect any water? What volume of water was collected (in ml)?
2. If you collected water, did the saltwater circuit conduct electricity?
3. If you did not collect water, how could you improve your design?

Team Names: _____ Date: _____

Design #2

In the space provided below, redesign your desalination plant.
Use results from the first design to improve your plant.



Questions

1. Did you collect any water? What volume of water was collected (in ml)?
2. If you collected water, did the saltwater circuit conduct electricity?
3. If you did not collect water, how could you improve your design?

Team Names: _____ **Date:** _____

Visiting Other Teams

While your desalination plant is working, visit three other teams and compare your design to theirs. Collect information to complete the following sections.

TEAM #1

1. Team member names:

2. List three differences between their design and yours.

3. Do you think their design will work? Explain why or why not.

TEAM #2

1. Team member names:

2. List three differences between their design and yours.

3. Do you think their design will work? Explain why or why not.

TEAM #3

1. Team member names:

2. List three differences between their design and yours.

3. Do you think their design will work? Explain why or why not.