

Name _____ Date _____ Hour _____

Saving Sam Introduction Activity

Introduction

Sam's boat has capsized, he can't swim and only you can help him out! In order to get to shore, Sam needs to retrieve a life jacket from underneath the boat so that he can float to shore. You and your partner's job is to save Sam by accessing the life jacket from under the boat and putting it on Sam. Unfortunately the only tools you can use to accomplish this task are 2 paperclips. You cannot touch Sam the Boat, or the life preserver with your bare hands.

Materials

- 1 gummy worm
- 1 Life Saver life preserver
- 1 Paper cup
- 2 Paper clips

Experimental Question: Come up with a question that can be solved from this activity

Discussion Ideas: Have each person in your group present at least one idea from saving Sam

1. _____

2. _____

3. _____

Hypothesis: (If....then....)

Procedure (On the back): Record detailed instructions and illustrations for saving Sam. You do not have to use all 6 steps, you can use more or less. However, you need to be descriptive in your directions and illustrate your work.

	Written Directions	Illustration
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Step 1		
Step 2		
Step 3		
Step 4		
Step 5		
Step 6		

Observations: Make 3 observations about what happened when you attempted to save Sam.

1. _____
2. _____
3. _____

Questions: Answer the following questions on a separate sheet of paper.

1. Explain 2 problems that you encountered while doing this lab.
2. Explain 2 ideas or techniques that worked well during the lab.
3. Which method do you think was the best for saving Sam? Why?
4. How effective was your procedure for saving Sam?