

Save Fred!

Fred was fishing in the Chesapeake Bay. A gust of wind blew off his hat! When Fred reached to grab it, the boat flipped over! Fred splashed in the water, and his life vest ended up under the boat.



Your Task: Work collaboratively with your team to get Fred's life vest out from under the boat, then put it on Fred.

Your Challenge (constraints): You may NOT touch the boat, the vest, or Fred with your hands.

Criteria for Success: The team with the most complete Reflection & Analysis section wins!

Reflection & Analysis

1. What was the problem your team needed to solve?

2. What were the constraints or rules you needed to follow?

3. Was your group successful in completing the task this time?

My team _____ (was/was not) successful this time because...

4. Thank your team for making each other smarter. Evaluate your team. (Did you work well together? Was everyone involved?)

I think we _____ (did/did not) work well together because...

5. **Did we science it?** Circle any skills or processes you practiced to complete the task.

Problem-solving Logic Experiment Observation Investigation

Hypothesis Brainstorm Design Data Collection Graph

6. On the back of this sheet, describe in words and labeled sketches how your team approached the task and challenge.