



# MAKER JOURNAL

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Project/Unit: Safe Crossings

Lesson: 4

*Conduct a brainstorm for the design problem below. Record all ideas in the space provided.*

**Ideate: What can we build so that mountain climbers can safely cross a crevasse?**

*Draw labeled pictures of your prototype. Be sure to draw different perspectives (front, side, etc.)*

**Prototype:**



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*Conduct fair tests on your prototype and record your observations. Make sure to identify failure points and then consider modifying the design.*

## Fair Tests

Briefly describe how your prototype will be tested. What specifically will you do and how will you do it? Be sure to record any design changes based on your observations.

Fair Test 1 Observations:

Fair Test 2 Observations

Fair Test \_\_ Observations