

Name:

Date:

Group:

Grand Spans: Building A Bridge

Materials

- 8 unopened cans from your pantry
- **10 drinking straws**
- 3 mailing labels
- 5 paper clips
- 3" length of string
- 2 pipe cleaners
- 1 rubber band
- **Scissors***

*May not be altered

Bold text items will be supplied by your basecamp teacher.

Set up

Place the cans in a row on the floor, so that there is a 20" space between each can. Gather the rest of the materials and place them nearby. Read the team instructions aloud to your team.

Hiking Group Instructions

Bridge builders use steel to span the distance between strong towers. You have some different materials to work with to span the cans you see in front of you. Your challenge is to span as many cans as possible using this odd assortment of materials. Each span must reach from one can to another without touching the floor. You have four minutes to span as many cans as possible. You may not use the scissors as part of your solution. You will receive up to ten points each for creativity, communication and cooperation. You will also earn five bonus points for each complete span.

Have Fun!