Name(s)_____ Period _____ Date _____

Activity Guide - Newspaper Table

Goal

Build a table that can hold as many books as possible, using only newspaper and tape. You will build two tables and will try to improve your design between the first and the second.

Rules

- You may only use only the newspaper and tape that your teacher gives you.
- Your table must hold the books at least one foot (or 30 cm) off the ground.
- You may not touch or adjust your table while you are adding books.
- You must add books one at a time.

Develop a Plan

- What kind of table does your group plan to make? Write a description or draw a picture below.

- What are the strengths of this design? What possible weaknesses might this design have?

Test Your Table

- How many books did your table hold?

- Why did your table eventually fall? What needs to be improved?

Evaluate and Improve

- What are the most common kinds of problems you see among the tables tested?

- What ideas seem to be working well?

Develop a Plan

- What kind of table does your group plan to make? Write a description or draw a picture below.

- What are the strengths of this design? What possible weaknesses might this design have?

Test Your Table

- How many books did your group's new design hold?

- Why did your table eventually fall? What needs to be improved?

Reflect

- How did working in a team make this activity easier?

- How did it make the activity more challenging?

- What helped your group overcome these challenges?