ACTIVITY WORKSHEET · AGES 5–10

Make a Bookmark with Elena

Let's practice the engineering design process



ELENA'S TIP

A good bookmark should hold its place and come out easily.

Name _____ Date _____

ENGINEERING DESIGN PROCESS

You'll need: Paper, scissors, tape, a pencil and a book.

1 Identify the problem

Make a bookmark that stays on its page, even upside down.

2 Brainstorm

Sketch two ways to keep the bookmark on its page.

Idea 1

Idea 2

3 Prototype

Build one idea and put it on a page.

4 Test and evaluate

Open the book wide and hold it upside down. Shake it gently. Did the bookmark stay on its page?

_____

5 Improve

Change one part. Try the same upside-down test again.

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