

3. Bridge Strength Tracker

Build, test, compare, and improve your bridge.

Bridge design name:

Draw your bridge.

Before Testing

How many coins or small objects do you think your bridge will hold?

Why?

Test Your Bridge

Design	Number of Coins / Objects	What Happened?
Design 1		
Design 2		
Design 3		

Which bridge held the most weight?

What was different about that design?

When did your bridge begin to bend or change shape?

Improve It

☐ Shape ☐ Fold ☐ Support ☐ Material placement ☐ Something else

My next idea:



Engineer
@Home

— DESIGNED FOR FAMILIES —