

PAPER BRIDGES

STEM Discovery Toolkit

Discover why triangles are the strongest shape and design and construct your own bridges with just paper, tape and your own ingenuity! Watch out for paper cuts!

Lessons Included:

- Accordion Fold Bridges
- Rolled Paper Beams
- High Bridge

Life Skills Objectives:

Youth will gain critical thinking and problem solving skills by engaging in hands-on experiential learning experiences.

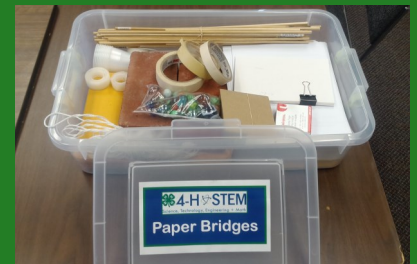
Learning Science Through Inquiry:

Students will learn about compression and tension: the two forces that act upon a bridge, construct piers and pillars to support the towers of a bridge, as well as engineer various types of bridges to withstand specific weight loads.

To request a STEM Discovery Toolkit fill out the [Check Out Request Form](#)

What's Inside?

- ⇒ Paper
- ⇒ Tape
- ⇒ Wooden Dowels
- ⇒ Additional Supplies



For more information about STEM opportunities from UW-Extension, or to request a STEM Discovery Toolkit, contact Annie Lisowski, 4-H & Youth Development Educator, 608-685-6256 or email annie.lisowski@ces.uwex.edu