



ARCHITECTURE

STEM Discovery Toolkit

Have you ever wanted to be an engineer or an architect? Put your designing caps on and get to work reading blueprints and building extravagant structures with these hands-on and exciting activities.

Lessons Included:

- Designing Structures
- Blueprints
- Shadow Block Tracing
- STEM Engineering Challenges

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 explore the world of architecture and design by using their ingenuity and engineering skills to replicate famous structures from around the world, while at the same time learning about math through the use of angles, measurements, supports and more!

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

What's Inside?

- ⇒ Magnetic Building Supplies
- ⇒ Blue Prints
- ⇒ PVC Pipe Tree
- ⇒ Styrofoam Cups
- ⇒ 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