

# Engino Structures and Bridges Activity Kit

## Contents

(Ages 8+)

Learn all about buildings and how they literally support our lives! Experiment with different types of bridges and find out how their architecture design provides massive weight support. Discover all the types of forces applied and how engineers manage to reduce their effects. Build 9 working models such as a house, a pyramid, and various types of bridges: beam, arch, truss, cable-stayed and suspension bridge. You can find easy-to-follow building instructions for all models either online or in the booklet included. Happy engineering!



When you're done building, please check that the contents (shown on above as "Bill of Materials") instructions booklet, and this contents page make it back into the clear backpack. Then, return everything to the Effingham Public Library at 30 Town House Rd. Effingham, NH. We kindly ask that you treat this kit with care so that it will last for years to come. If a kit item becomes lost or damaged, please let a librarian know. Thanks and happy engineering!

Replacement cost for Engino Structures is Bridges kit: \$45.50

Kits can be returned to Effingham Public Library  
30 Town House Road Effingham, NH 03882  
603-539-1537 [effinghamlibrary@gmail.com](mailto:effinghamlibrary@gmail.com)