

Non-LEGO Activities

Type of Engineering Unit

- Aeronautical Engineering: Parachutes
- Aeronautical Engineering: Paper Airplanes
- Aeronautical Engineering: Paper Planes
- Biomedical Engineering: Balloon Brain Helmet
- Chemical Engineering: Play Dough
- Chemical Engineering: GOOP
- Civil Engineering: Balloon Towers
- Civil Engineering: Bridges
- Civil Engineering: Paper Bridges
- Civil Engineering: Egg Drop
- Civil Engineering: Gumdrop Structures
- Civil Engineering: Marshmallow Challenge
- Civil Engineering: Newspaper Forts
- Civil Engineering: Paper Towers
- Civil/Electrical Engineering: Lighthouses
- Electrical Engineering: Flashlight
- Electrical Engineering: Squishy Circuits
- Environmental Engineering: Water Filters
- Materials Engineering: Materials Testing
- Mechanical Engineering: Aztec Machinery
- Mechanical Engineering: Catapults
- Mechanical Engineering: Ramp Rollers
- Mechanical Engineering: Rubber Band Boats
- Nautical Engineering: Boat Building
- Service Learning: Dog Assistive Technology
- Service Learning: Bobby's Knee Brace

Other Activities

- Animal Adaptations
- Egg Bungee Jump
- Final Project Ideas
- Genetics Activity with Snowmen
- Introduction to Engineering Activity
- Solar Cookers
- Testing Unit: Parachutes
- 3D Printing: 2D to 3D Additive Shapes