



# Virtual Troop Meeting: Think Like an Engineer



## Engineer's Toolbox

Create a toolbox for your engineer to use on her Think Like an Engineer Journey. The materials in your toolbox for each meeting will differ. We encourage you to use your creativity. You are not limited to these items. You can add in or substitute any items based on what you have on hand.

### Engineer's Toolbox Meeting No. 1

- ★ 4-6 paint stirrers
- ★ 4-6 brass fasteners or short pieces of wire
- ★ Duct tape
- ★ Cardboard
- ★ Scissors
- ★ Rubber bands
- ★ String
- ★ Paper or plastic cups
- ★ Toothpicks
- ★ Wooden skewers
- ★ Paper and pencil
- ★ Brown paper sack
- ★ Candy/goodies
- ★ Tape

### Engineer's Toolbox Meeting No. 2

- ★ Toilet paper rolls
- ★ Paper towel rolls
- ★ Empty cans or jars
- ★ Construction paper/poster board
- ★ Markers or pens/pencils
- ★ Glue
- ★ Scissors
- ★ String
- ★ Rubber bands
- ★ Popsicle sticks or dowels
- ★ Plastic wrap/tin foil
- ★ Paper and pencil

### Engineer's Toolbox Meeting No. 3

- ★ Masking or duct tape
- ★ 3 - 5 Paint stirrers
- ★ Popsicle sticks
- ★ Several pieces of cardboard
- ★ 1 wooden block or spool
- ★ Empty plastic bottle
- ★ Small paper cups
- ★ Plastic spoons
- ★ String
- ★ Rubber bands
- ★ Paper and pencil
- ★ A large target made of cardboard or poster board
- ★ At least 1 small, lightweight ball (ping pong ball, foam ball, etc.)