

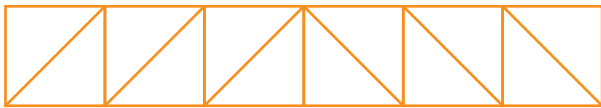
BRIDGE BUILDING PROJECT

DIRECTIONS

Build each bridge type by using the following diagram.

1. Copy and draw the bridge design out on paper using a ruler and pencil.
2. Use rubber bands to tie the spaghetti pieces into multiple bunches.
3. Using your diagram as a guide, cut the bunches to different lengths to assemble each section of the bridge
4. Once the lengths are all correct, hot glue gun to glue the ends of each “bunch” of spaghetti to tie them together.
5. Use the hot glue gun to glue all the individual bunches together.
6. Build out the following design for the base and then glue the side components together with it to complete the bridge.

DESIGN A PLAN FOR THE STRUCTURE OF YOUR BRIDGE



SUPPLIES NEEDED

- Uncooked spaghetti
- Hot glue gun
- Pen/pencil
- Ruler
- Paper
- Rubber bands

TIP

Have kids test the strength of their bridge and placing different materials on it.

