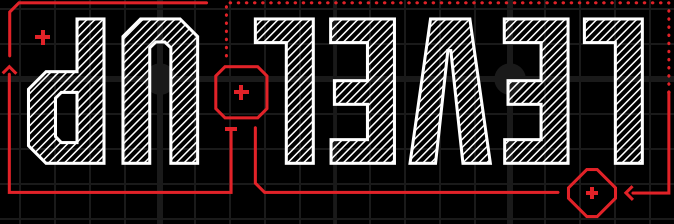


in the construction sciences



BYFAZ.ORG/LEVELUP

PLAN • CREATE • DRAW • BUILD



**BUILD YOUR
FUTURE
ARIZONA**

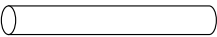



— BUILD YOUR OWN: PVC BLANKET FORT —

Blanket forts can be the perfect opportunity to get kids excited about the construction sciences. Use the plans below and share the final product using #BYFArizona!

MATERIALS

.5-INCH PVC PIPE PIECES


16 36-inch 

8 33.75-inch 


8 24-inch 

8 6-inch 

CONNECTORS

10  3-way tee

10  3-way elbow

10  4-way elbow

10  45°

10  90°

OTHER

8-10 1.5-inch spring clamps

1 Plastic storage tub

DIRECTIONS

PLAN

What is your fort going to look like? Now's the time to get creative! Draw some sketches using the PVC measurements to figure out how you want it to look.

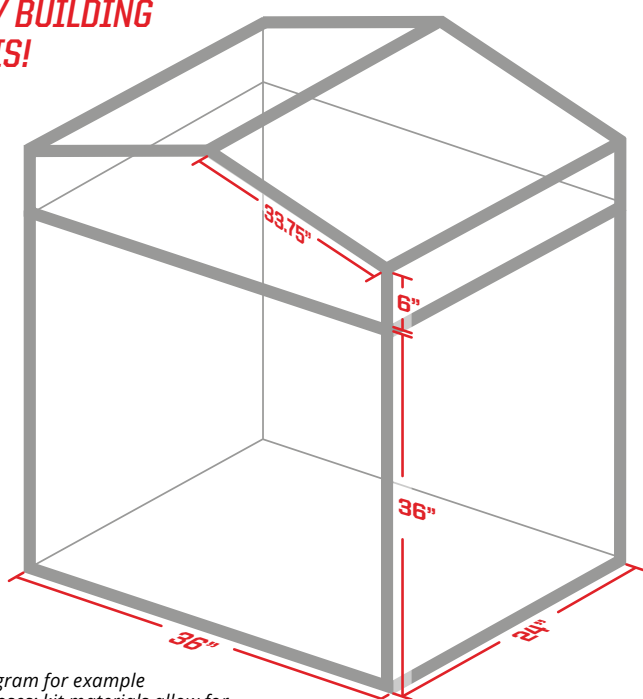
BUILD

We've labeled the connectors to show how our plan goes together, but you have plenty of possibilities to build. Reinforce loose connectors with painter's tape, then hold the blankets in place with the plastic spring clamps. Any pieces not being used can be stored in the plastic tub and put away in a closet or underneath a bed.

PLAY

This easy system lets you design and redesign your fort whenever you like. Your construction abilities are only limited by your imagination.

TRY BUILDING THIS!



**Diagram for example purposes; kit materials allow for limitless configurations. Get creative!*