

# STARTING A BUILD

## Creating and Stabilizing Pop Up Playground

Whether this is your first build or your hundredth, you can reference these rules and tips to make sure you create a stable, safe, and effective playground.

### Design Phase:

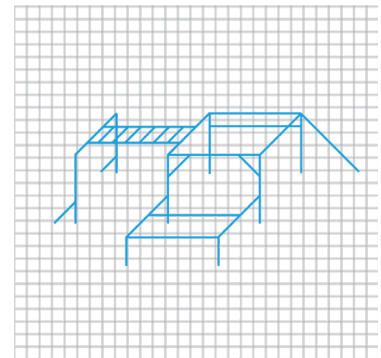
**1. Pre-plan your design.** Draw a mock-up or build one with model pieces. Think of what works in the space.

**2 Make it scaleable.** Decide what kind of movements or complex patterns you want to support (e.g., laches, kong precisions, underbars).

**3. Keep it simple.** Don't worry about stability too much early on. You can always reinforce unstable areas later.

**4. Make it functional.** Square cages are great for function and stability, but each space is unique and you should strive to avoid repetition.

*Graph paper is great, or you can use software like SketchUp to design.*



### Build Phase:

**1. Preparation saves time.** When you're ready to build, arrange your pipes on the ground in roughly the right layout.

**2. Verticals first.** Start with clamps on the vertical pipes, including bases. Align across verticals before you putting any clamps on your horizontal pipes.

**3. Eyeballing.** It doesn't have to be perfect on your first pass. You can always adjust/level it out later.

**4. Seating.** Make sure your horizontal pipes are flush with your vertical pipes.

**5. Silence.** Sometimes you'll need to set up quickly and quietly. Focusing on being silent keeps you in control.

**6. Take your time.** Dropping a pipe is dangerous and could damage the floor. Use teamwork to keep everyone safe.

**7. Heads up.** Bars swing, clamps fall. Mind your head and be spatially aware at all times.

*Horizontal pipes should touch verticals inside the clamps. Push until they're flush!*

