



DIY Bike Jump Ramp for Kids

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Size	Best For	Height	Length	Downslope	Width
Small	16" wheels, beginners	7"	24"	3" from end	16"
Medium	18"+ wheels, comfortable riders	9"	30"	4" from end	16"
Large	24"+ wheels, confident riders	12"	36"	6" from end	16"

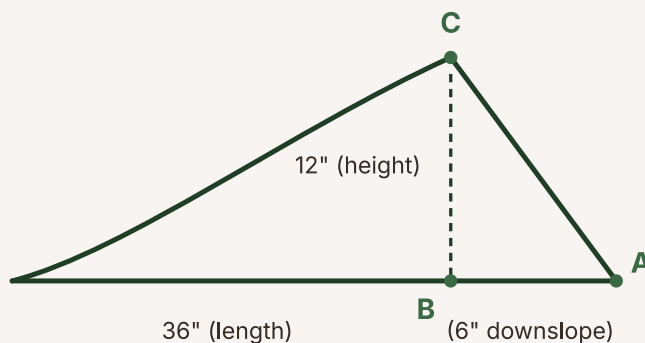
SHOPPING LIST

~\$50, makes 2 ramps

- 4×8' sheet of plywood (~1/2" thickness)
- Two 2×4s
- Deck screws (1 5/8")
- PVC pipe, 4' + (for tracing the curve)
- Sandpaper / sanding block

TOOLS YOU'LL NEED

- Jigsaw
- Chop saw or hand saw + miter box
- Drill
- Measuring tape, pencil
- Safety glasses
- Carpenter's square (optional)



SIDE PROFILE REFERENCE

- A** Front tip of ramp on ground
- B** Beginning of downslope
- C** Top of the ramp upslope

Example measurements shown are for the Large size ramp.

BUILD STEPS

1. Trace the side profile of ramp: mark the length along bottom of plywood (start to **A**), subtract the downslope to find **B**, mark the height at **B-C**, then use PVC pipe to trace the upramp curve (start to **C**). Connect **C-A** with straight line.
2. Cut two side panels with a jigsaw, using the first as a template for the second.
3. Cut the top surface: a 16"-wide rectangle. Length = measure actual curve distance (start to **C**) and add 1".
4. Cut 2×4 struts to 15" (large ramp needs 7, smaller ramps can get by with 5 or 6).
5. Screw struts to the side walls on a level surface. Start with a few flush along the bottom edge of ramp (start to **A**). Then add a few along the upramp to support top surface (start to **C**).
6. Screw on the top surface, working from top to bottom (**C** to start) so the plywood bends to the curve.
7. Sand rough edges and you're ready to ride!

Tip: Beginners without enough speed will roll over the ramp front-wheel-first — that's fine as long as the ramp matches their wheel size. Confident riders should go fast enough to clear the ramp.

