

Maze Construction Instructions

For a 15' x 75' maze you will need:

- [Home Depot](#) - 36" x 36" x 36" cardboard boxes (quantity: 110 boxes)
- [Home Depot](#) - packaging tape (quantity: at least 6 rolls)
- [Reliable Paper](#) - 36' x 72" cardboard sheets (quantity: 250 sheets)
- [Staples](#) - 8" zip ties (quantity: at least 1500 individual zip ties)

BOXES

Supplies: boxes, marker, serrated knife, phillips screwdriver, packaging tape, Box Template

1. Tape the box together at the bottom.
2. Label the sides at the lower right corner (example: A 6) and bottom of box (example: A).
3. Label sides that need to have arches cut with a big A.
4. Use Box Template to mark holes for zip ties on each side of the box. Zip tie holes in the boxes are at 10" and 33" from the bottom and 1" from the side.
5. Poke holes for zip ties.
6. Trace the boxes template on the sides of the box marked A for arches. Sides without A's don't need anything done to them.
7. Cut out arches.
8. If you want to store the boxes, you can pull off the tape and collapse them.

CARDBOARD SHEETS

Supplies: cardboard sheets, marker, serrated knife, phillips screwdriver, Zip Tie Sheet Template

1. If a sheet needs an arch:
 - a. Use Sheet Template and to trace arch and mark holes for zip ties. Zip tie holes in the sheets are at 10" and 33" from the bottom, as well as 6" from the top. They should be 1" from the side.
 - b. Poke holes for zip ties.
 - c. Cut arch.
2. If a sheet does NOT need an arch:
 - a. You're done! :)

TOGETHER

Supplies: cardboard sheets, cardboard boxes, marker, zip ties,

1. If collapsed, tape the box back together.
2. Line up the sheet on the correct side of the cardboard box and attach with zip ties on three sides.
3. On the fourth side (that connects to the next box), zip tie the through the top hole and into the zip tie in the top hole of the box adjacent. Then zip tie the bottom two zip ties together with a third zip tie.
4. As you go along, label cardboard sheets on the lower right corner to correspond with the number on the lower right corner of the box. This will help as you assemble the maze.

5. After the maze is constructed, go back and cut all poky zip tie bits to avoid taking out an eyeball.

NOTES

- You can make your own Box Templates and Zip Tie Sheet Templates out of scrap cardboard.
- A serrated knife (like a steak knife or a bread knife) seems to work the best for cutting cardboard.
- Purchase good packaging tape. The cheap stuff doesn't stick very well.
- Create an assembly line to make the process go faster.