INSTRUCTIONS TO BUILD YOUR VERY OWN

sciencesseeds

DIY WOODEN MARBLE MAZE

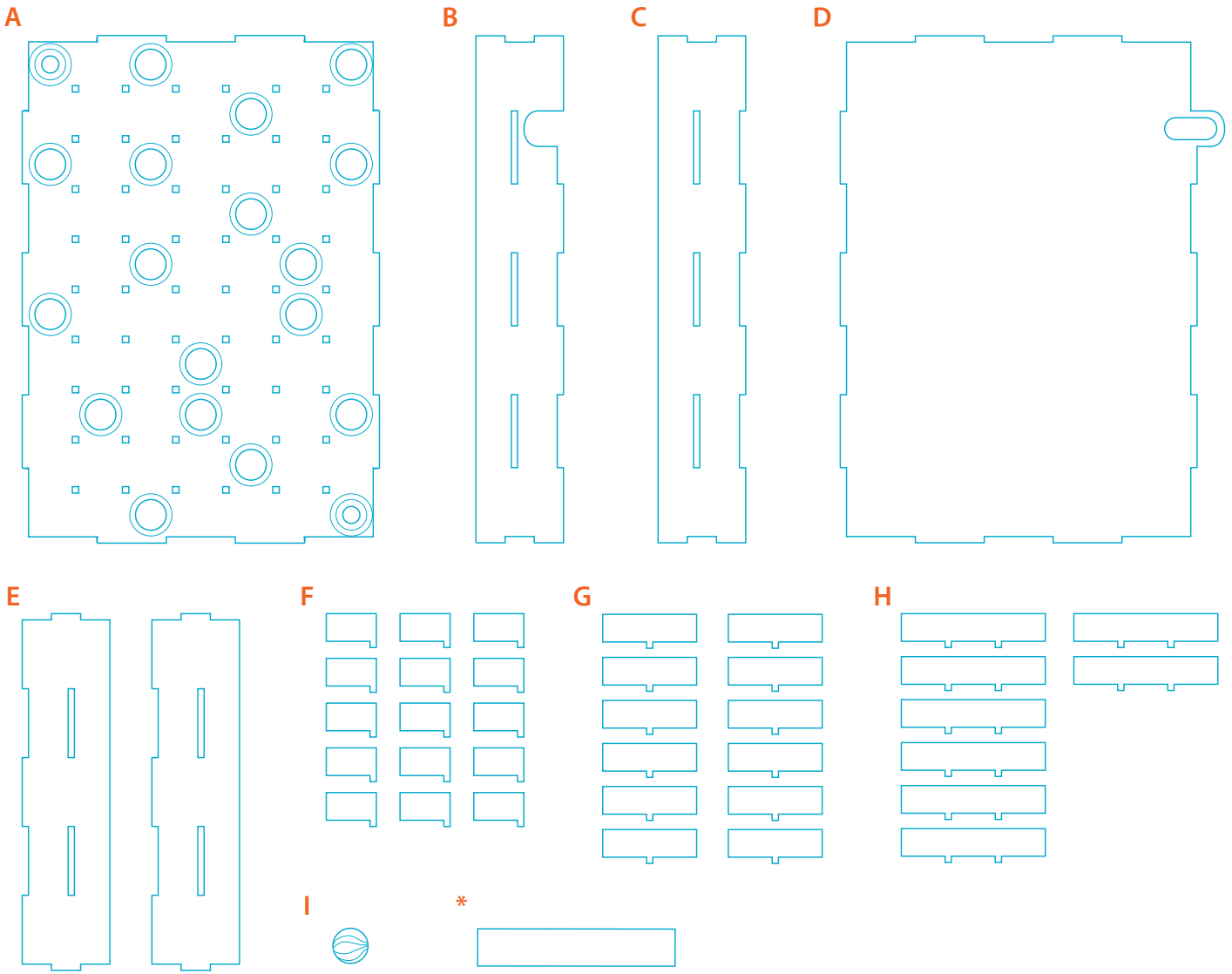
BACKGROUND

Marble mazes are a fun engineering challenge. Push the wall inserts into the maze top to make your own path, then tilt the box to roll the marble through. The walls pull out easily, so you can build a new maze any time. Start simple, then make it trickier. Invent your own rules and scoring, then challenge your friends to get the marble through without it dropping into a hole!

PREP

- Lay out your pieces so you can find them easily.
- Decorate with markers or paint. Coloring the pieces before you build is easiest.
- Your maze is laser cut from natural plywood, so some pieces may fit a little snugger or looser than others.
- If a piece feels tight, smooth the edge with the sandpaper strip.
- The box fits together without glue. If a fit feels loose, a dot of wood glue will hold it. Leave the wall inserts unglued so you can move them and build new mazes.

PARTS INCLUDED IN THIS KIT



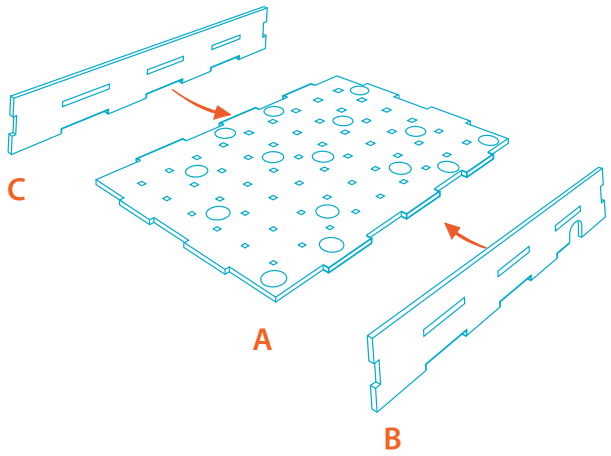
- **A** Maze top
- **B** Side end panel with marble exit
- **C** Long side end panel
- **D** Box bottom
- **E** Short side end panels
- **F** Short wall inserts (x15) with some extras
- **G** Medium wall inserts (x12)
- **H** Long wall inserts (x6)
- **I** Marble
- ***** Sandpaper strip

Your kit may include spare pieces.

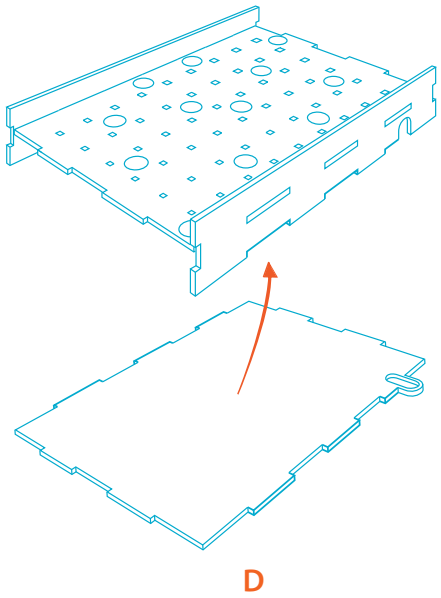
Scan for interactive instructions

BUILD THE BOX

1. Fit the end panels (B, C) onto the maze top (A)



2. Add the box bottom (D) underneath

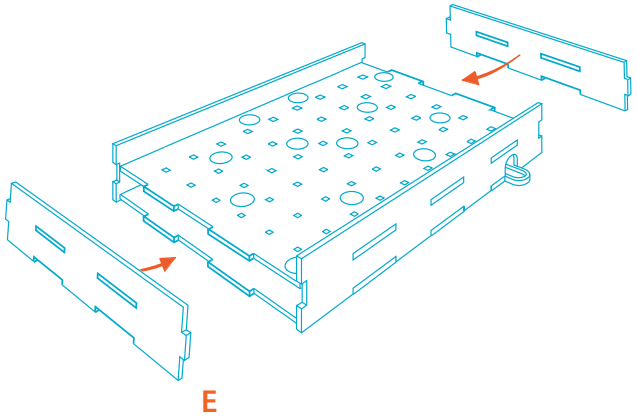


⚠ WARNING

CHOKING HAZARD

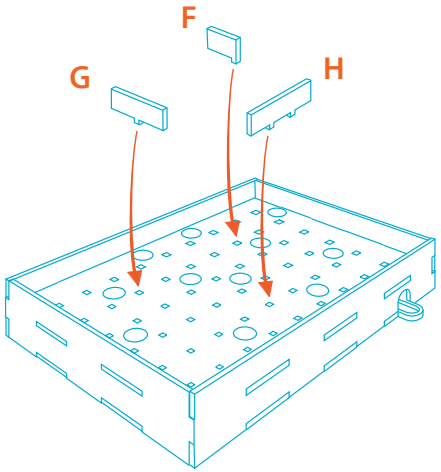
Toy contains a marble. Not for children under 3 yrs.

3. Add the short end panels (E)



BUILD YOUR MAZE

4. Place the wall inserts (F, G, H) to make your maze



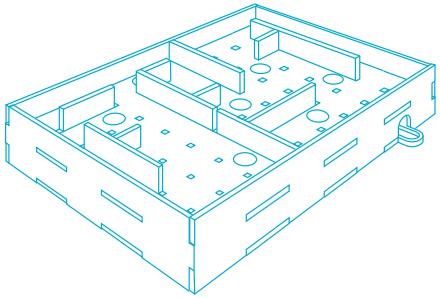
You don't need to use every wall insert. The wall inserts are thin, so handle them carefully when removing or moving them.

CONGRATULATIONS

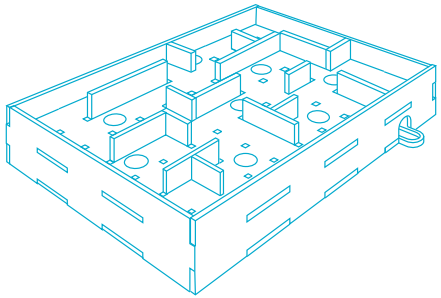
YOU DID IT!

Try these mazes

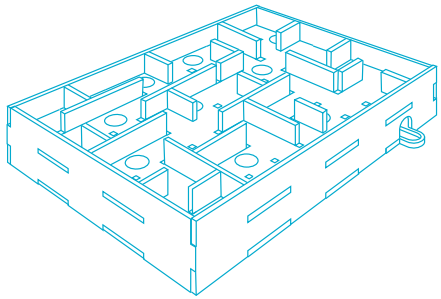
Beginner



Intermediate



Expert



Additional kits are available at
www.scienceseeds.com/shop