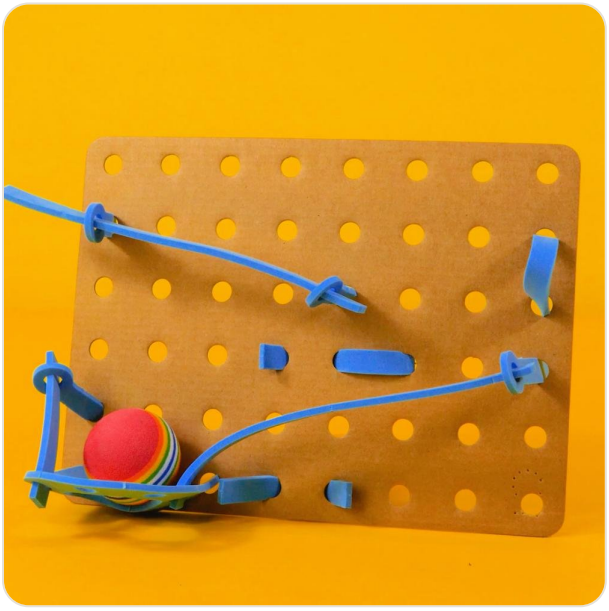
Mazes

Build a gravity maze backward, then connect with friends.



SCREEN-FREE | AGES 5 TO 14 | ABOUT 45 MIN | MAKE AND KEEP

WHAT PARTICIPANTS MAKE

An adjustable ball maze of foam ramps on a cardboard wall board that can join other campers' mazes into one shared path.

HOW IT WORKS

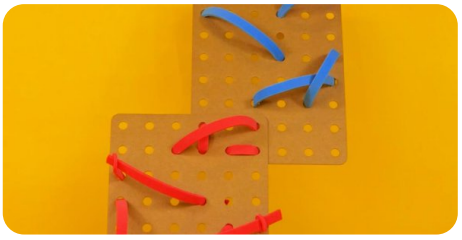
Campers place the finish hoop first, then work backward, angling foam ramps through die-cut holes so gravity carries a ball from top to bottom. They test and adjust until it runs, then connect boards into a cooperative path. It teaches reverse engineering, ramp angle, and teamwork.

CAMPERS EXPLORE

Reverse engineering; gravity and ramp angle; iterative testing; collaborative design; cause and effect in ball-path systems







PACK SIZES

PACK	CAMPERS	SKU
Small Group Pack	10	G2 MAZE 010
Class Pack	25	CL MAZE 025

Every camper gets an individual reclosable kit with a printed visual guide. Scissors optional.

Educator video
7:09 min

Educator guide

Standards connections (from the educator guide): NGSS K-PS2-1, K-2-ETS1-2, 3-PS2-1, 3-5-ETS1-3, MS-ETS1-4, MS-ETS1-3. Common Core RI.K-2.7, SL.K-2.1, RI.3-5.3, SL.3-5.1, RST.6-8.3, SL.6-8.1, K.MD.A.1, K.G.A.1, 4.MD.C.5, 4.OA.C.5, 6.RP.A.3, 6.EE.C.9.