Straw Structures

Turn flat shapes into towers as tall as you are.



SCREEN-FREE | AGES 4 TO 14 | ABOUT 60 MIN | MAKE AND KEEP

WHAT PARTICIPANTS MAKE

Rebuildable 3D structures from 60 jumbo paper straws and flexible connectors, tall enough to reach the ceiling with a partner.

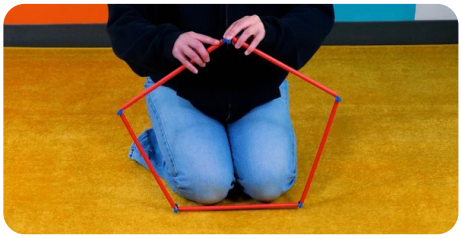
HOW IT WORKS

Campers start with flat polygons, turn them into 3D prisms, then reinforce and widen the base to build taller and taller. Working with partners, structures can reach the ceiling. It covers geometry, structural stability, and measurement while building perseverance and teamwork, and it adapts from Pre-K through grade 8.

CAMPERS EXPLORE

2D shapes to 3D prisms; structural stability and base width; measurement and scale; collaborative engineering; reinforcement techniques







PACK SIZES

PACK	CAMPERS	SKU
Small Group Pack	10	G1 STRW 010
Class Pack	25	CL STRW 025

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

Educator video
8:33 min

Educator guide

Standards connections (from the educator guide): NGSS K-2-ETS1-3, K-2-ETS1-2, 3-5-ETS1-1, 3-5-ETS1-3, MS-ETS1-1, MS-ETS1-2. Common Core RI.K-2.7, SL.K-2.1, RI.3-5.3, SL.3-5.4, RST.6-8.3, SL.6-8.1, K.G.A.1, K.CC.B.5, 3.MD.B.4, 3.G.A.1, 6.G.A.1, 6.RP.A.1.