Screen Machines

A cardboard movie screen for a camper's own story.



SCREEN-FREE | AGES 6 TO 14 | ABOUT 60 MIN | MAKE AND KEEP

WHAT PARTICIPANTS MAKE

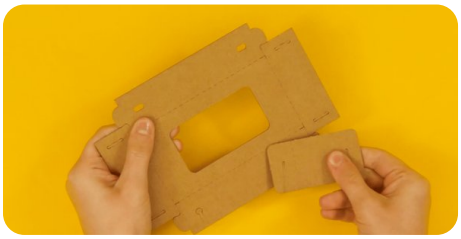
A hand-cranked cardboard screen that reveals an illustrated story strip one frame at a time.

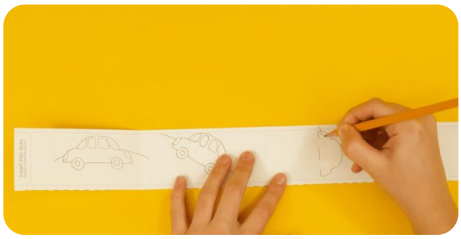
HOW IT WORKS

Campers fold a cardboard frame into a rigid screen, plan and draw a who, where, and what story across a paper scroll, then thread it between two wooden handles. Turning a handle reveals the story frame by frame, like a tiny movie. It brings narrative sequencing and measurement into an engineering build.

CAMPERS EXPLORE

Narrative sequencing (beginning, middle, end); mechanical scrolling systems; measurement and area planning for story frames; iterative story-and-mechanism design; collaborative storytelling







PACK SIZES

PACK	CAMPERS	SKU
Small Group Pack	10	G4 SCRN 010
Class Pack	25	CL SCRN 025

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

Educator video
7:39 min

Educator guide

Standards connections (from the educator guide): NGSS K-2-ETS1-1, K-2-ETS1-2, 3-5-ETS1-2, 3-5-ETS1-3, MS-ETS1-3, MS-ETS1-4. Common Core RL.K-2.2, SL.K-2.5, W.3-5.3, SL.3-5.4, W.6-8.3, SL.6-8.5, K.G.A.1, 1.MD.A.1, 3.MD.B.4, 4.MD.A.3, 6.G.A.1, 7.G.B.6.