

Zip Line Challenge

Let's build a zip line to transport a small animal or toy!

Estimated time: 25 mins.

STEAM Skill

Demonstrates
problem-solving skills

Materials List

- String or rope
- Small animal or toy
- **Discovery Page: Zip Line**
- Art supplies (e.g., popsicle sticks, pipe cleaners, construction paper)
- Building supplies (ex: materials, tinfoil, plastic cups)

Instructions

1. Use building and art supplies to design a carrier that can carry a small animal or toy.
2. Attach a long string or rope from one surface to another. For example, from a wall to a table or chair.
3. Test out your zip line and see if can carry your critter friends!
4. Complete the **Discovery Page: Zip Line** on how your zip line worked!

Send Rozzy photos of your zipline inventions to photos@rozzylearningcompany.com!



Other ideas

- Measure how far your zip line went!
- How can you change your zip line to hold multiple toys or animals?

Questions to ask

- What materials make a zip line work? What materials do not?
- Why would an engineer test a zip line after creating it?