A Paper Ramp Investigation

With an adult, test one toy car on two gentle paper ramps.

Name: _____

You need

A toy car, firm card, two low supports and paper squares to measure. An adult must set up both ramps on a clear floor. Keep the car on the floor.

Let go from the same place. Do not push.

I think the car will go farther from the _____ ramp.

LOWER RAMP



Distance: ____ squares

HIGHER RAMP



Distance: ____ squares

What did you notice?

_____

_____

A Paper Ramp Investigation

For a grown-up. Invite the child to explain or point to an answer.

- Open investigation: predictions and results will vary.
- Keep the same car and release point. Let go without pushing.
- Change only the ramp height. Measure from the ramp end to the stopped car.
- The higher ramp may let the car travel farther; surfaces and the car affect results.

Try it together

Use a clear floor space, a firm card ramp and low supports. No climbing. Repeat each test.

An adult may read the words aloud. Drawn, spoken and pointed answers are welcome.