

An inquiry into ramps and rolling

energy-forces

What you need: toy car · board ramp (about 50–80 cm long) · books to raise the ramp · masking tape · metre stick or measuring tape · Investigation Journal page

Words to use

Force · Compare

Our question

How does our chosen change (higher or lower ramp, or bigger or smaller push) affect how far the toy car rolls?

I predict...because...

Roll

Mark and measure the same way

Which way made the car roll further?

What did you keep the same so the two tries could be compared?