

Forces change motion: an open force investigation

energy-forces

What you need: pull-back toy cars · marbles · cardboard tubes or folded card channels · hardback books for ramp height · balloons · drinking straws · string or yarn for balloon-rocket lines · chairs or stands for balloon-rocket string lines · sticky tape · masking tape for a floor start line · Investigation Journal pages

Words to use

Force · Motion · Change of motion

Our question

How can we show a force changing how something moves, stops or turns?

I predict...because...

What we found out

Which force started the motion?

Which force slowed, stopped or turned it?

Did the result match your prediction?

