

Forces: push, pull, friction and gravity

energy-forces

What you need: hardcover book (push at Station A and drag tests at Station B) · wide elastic band (Station A only) · carpet sample or carpet tile (Station B only) · smooth wooden board or hard plastic tray (Station B only) · sheet of medium sandpaper (Station B only) · soft sponge ball (Station C only) · bean bag or small soft fabric bag (Station C only) · floor mat or folded towel landing zone (Station C only) · station label cards (A Push and pull, B Friction feel-test, C Gravity drop) · Investigation Journal page

Words to use

Force · Push · Pull · Friction · Gravity

Our question

Which force was mainly at work at each station, and how do we know?

I predict...because...

Draw forces felt at the push/pull, friction and gravity stations

What I notice

What action did you try at this station?

What force do you think was at work?

What did you feel or see that makes you think that?
