

Science Knowledge Organiser

Forces

- Step 1 Explore forces
- Step 2 Friction
- Step 3 Plan - friction experiment
- Step 4 Investigate - friction experiment



Key Vocabulary

push	pull
force	contact force
friction	smooth
rough	independent variable
dependent variable	control variables
data	prediction

Key questions:

- What is a force?
- How can we describe a force?
- What is an example of a pull/push force?
- What can forces cause objects to do?
- How can a pull/push force be useful?
- What is friction?
- What type of surface has a low/high friction?
- When is friction useful?
- What are contact forces?
- How does the material on the ramp affect the distance a car travels?
- What will you measure?
- Why is it important to use the same toy car each time?
- On which surface did the toy car travel furthest and why?