

Forces Conflict

Prior Knowledge

EYFS: Exploring magnetism

Year 1: Everyday materials and their properties.

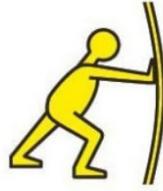
Year 2: Everyday materials and their properties.

Where next? Future learning

Year 4: States of matter, electricity

Year 5: Properties of materials, Forces

Year 6: Electricity



PUSH



PULL

My Component Knowledge:

Lesson 1: I can explain and understand what forces are.

Lesson 2: I can understand what friction is.

Lesson 3: I can investigate friction, using a fair test.

Lesson 4: I can understand the forces of air resistance and water resistance.

Lesson 5: I can explain how to conduct an investigation.

Lesson 6: I can apply my understanding.

My Composite Knowledge:

I can understand what forces are and where and how they are in action. I can understand the forces of friction, air resistance and water resistance.

My Powerful Knowledge:

I understand that objects can have forces exerted upon them. I understand that forces are always acting upon objects. I understand how to conduct and evaluate a fair test.

Key Vocabulary

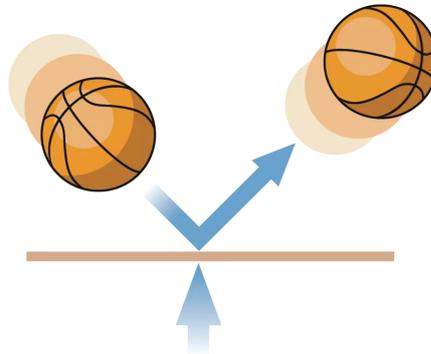
Tier 1: push, pull, paper, sandpaper, cardboard, fabric

Tier 2: air resistance, water resistance, forces

Tier 3: friction, exert, variable, conclusion, evaluation



What are forces?



What is air resistance?

What is water resistance?