

# Magnets

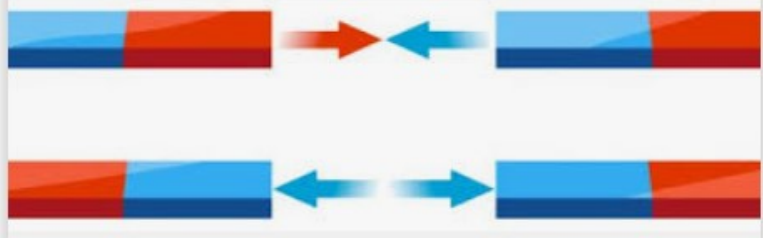
## Conflict

### Prior Knowledge

**Year 3:** Forces

**Key stage 1:** Everyday materials and fridge magnets.

**EYFS:** Investigating magnets.



**My Component Knowledge:**

Lesson 1: I can explain my understanding of magnets.

Lesson 2: I can understand what a magnetic field is.

Lesson 3: I can identify objects that are magnetic.

Lesson 4: I can explain the difference between attract and repel.

Lesson 5: I can explain magnetic poles.

Lesson 6: I can explain whether magnets will attract or repel and why.

**My Composite Knowledge:**

I can understand how magnets attract and repel. I can understand which materials are magnetic.

**My Powerful Knowledge:**

I understand the difference and can predict whether materials will be magnetic or non-magnetic. I can explain whether magnets will attract or repel.

### Key Vocabulary

**Tier 1:** North, South, magnet, move, metal, iron, push, pull

**Tier 2:** magnetic, non-magnetic, compass, pole, predict, materials

**Tier 3:** attract, repel, magnetic field, attraction, repulsion



What do attract and repel mean?

What is a magnetic field?

What are magnetic poles?

