

Magnets Conflict

Prior Knowledge

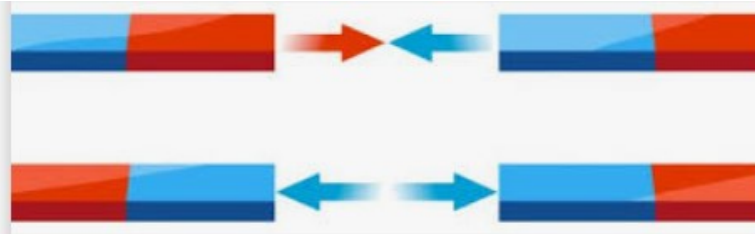
Year 3: Forces, Extreme Earth—focusing on the structure of the Earth and it's magnetism.

Key stage 1: Everyday materials and fridge magnets.

EYFS: Investigating magnets.

Where next? Future knowledge:

Year 5: During Year 5, you will learn about forces through the topic of Earth and Space.



My Component Knowledge:

Lesson 1: I can explain my understanding of magnets and key vocabulary.

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 real-life uses for magnets.

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?

