



VOCABULARY

Tier 2 (Academic) Vocabulary:

Compare, notice, observe, predict, attract, repel, exert, variable.

Tier 3 (Subject Specific) Vocabulary:

Force, air resistance, water resistance, friction, gravity, pull, push, motion, surface, magnetism, magnets, repel, poles, attract, north pole, south pole, magnetic field, metal, compass

WHAT DO I ALREADY KNOW?

- I have learnt that solid objects change shape through physical forces (squashing, bending, twisting and stretching)

KNOWLEDGE	SKILL
I can investigate and compare friction across different surfaces.	COMPARATIVE TESTING
I can distinguish between contact forces (push/pull) and non-contact forces.	CLASSIFYING
I can test, classify and identify magnetic vs non-magnetic materials.	CLASSIFYING
I can observe magnetic poles and predict attraction or repulsion	OBSERVING & PREDICTING
I can investigate how magnetic force strength acts across distances and barriers.	COMPARATIVE TESTING
I can execute a pattern-seeking investigation on magnet physical properties vs force.	PATTERN SEEKING