

FORCE AND MOTION



push



pull



magnetism



gravity



friction



acceleration

KEY VOCABULARY

force

a push or a pull; forces **can change the movement** of an object

contact force

some forces **need two surfaces** to touch, in order for the force to occur (friction is a contact force)

magnet

a magnet is a rock or a piece of metal that can **pull certain types of metal toward it** through magnetic force

magnetism

magnetism is a natural force that **attracts or repels** certain metals

magnetic field

the magnetic field is the **area around a magnet** in which there is magnetic force

magnetic poles

either of the **two ends of a magnet** where the field of the magnet is strongest (North and South poles)

lodestone

a **rock** that is naturally magnetic

magnetic force

OPPOSITE POLES ATTRACT



SIMILAR POLES REPEL



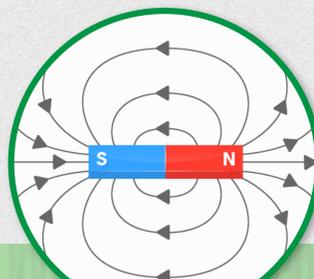
force

push and pull are opposite forces



PUSH PULL

magnetic field



magnetic poles



lodestone



magnet

