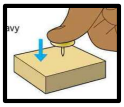
Science study | Forces and magnets | Year 3 | Spring Term

A contact force occurs when two objects physically touch

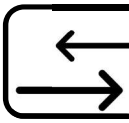
Contact force

push



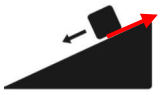
pull

twist or **turn** = push + pull



forces act in **opposite** directions

friction is the force that stops things from moving



resistance is a force that slows down an object that is moving

surfaces change how objects move (**motion**) over them

grass

carpet

wood

table

rough

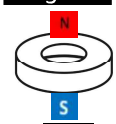
smooth

Non-contact force

A force that acts on an object without touching it

magnets

horseshoe



ring

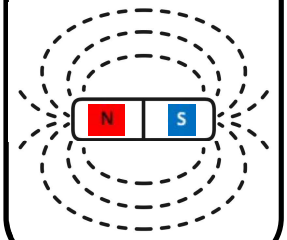
bar

magnets always have a north and south pole

North South

magnetic field

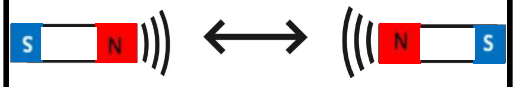
North



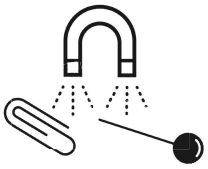
South

opposite poles attract

similar poles repel



magnetic materials



iron and steel

non-magnetic

copper and aluminium

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