

Forces and Magnets

Sticky Facts

All types of forces are either a push or a pull.

Objects move more slowly on rough surfaces than on smooth because there is greater friction.

Less force is needed to move an object on a smooth surface because there is less friction.

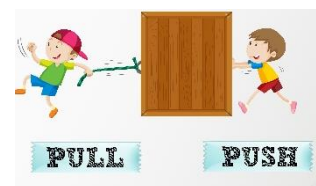
Magnets have a North pole and a South pole.

Opposites poles attract whereas same poles repel.

A magnetic field is the area around the magnet where it can attract or repel things.

Magnets only attract certain types of metals: nickel, iron and cobalt.

Magnets do not need to touch object to attract it; magnetic force is a non-contact force



Key Vocabulary

Non-contact

Non-magnetic

North pole

Pull

Push

Repel

Rough

Smooth

South pole

Surface

Non-contact

Non-magnetic

North pole

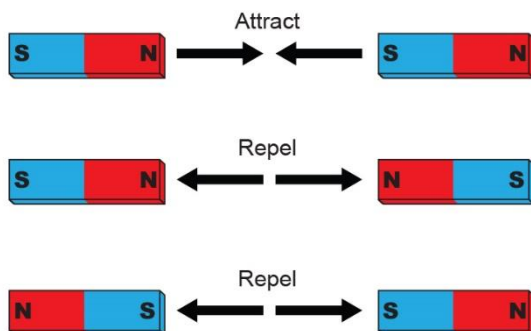
Pull

Push

Repel

Rough

Smooth



During this unit, I will be learning to:	Completed	Self-Assessment
compare how things move on different surfaces and relate it to friction.		
notice that some forces need contact but magnetic forces do not.		
observe how magnets attract or repel each other & attract some materials & not others.		
compare & group materials according to whether or not they are attracted to magnets.		
identify some magnetic materials.		
describe magnets as having two poles.		
predict whether magnets will attract or repel each other.		



