Rocket Words	
force	a power or strength that can cause an object to move
motion	the process of movement
friction	a force that slows down or stops objects when two surfaces rub against each other
magnet	an object that can attract or repel some metal items
attract	to pull towards
repel	to force back or push away
magnetic field	the area around a magnet where its magnetic force can be felt, even without touching it
magnetic poles	the two ends of a magnet where its magnetic force is strongest

Cedar Park School & Nursery

Be kind ★ Be inspired ★ Believe

Developing Experts

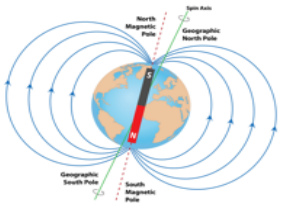
Year 3 Autumn

Forces and Magnets

Forces

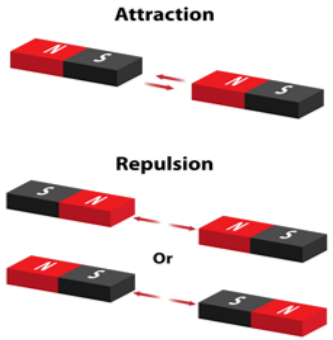
- Forces are pushes and pulls
- Forces cause things to move, or to stop moving
- Forces can be contact (friction) or non-contact (gravity, magnetism)

Magnetism

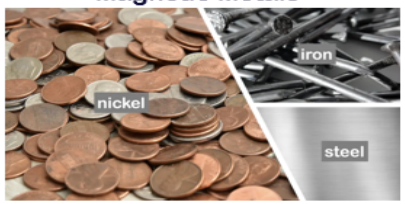


- Magnets are made of metal or rock
- They have a magnetic field around them which attracts magnetic materials, pulling them towards the magnet
- All magnets have two poles: north and south
- The Earth also has a magnetic field

Magnetic Forces

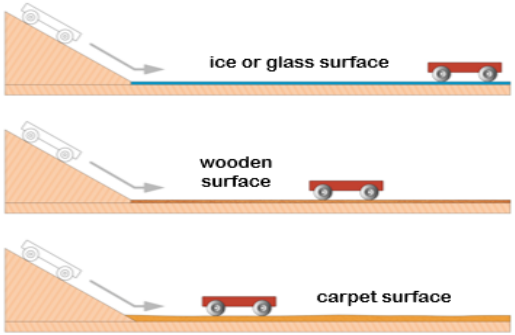


Magnetic Metals



Friction

- When an object moves across a surface, friction acts as an opposite force. Friction is a force that holds back the motion of an object.
- Some surfaces create more friction than others, meaning that objects move across them more slowly.
- The rougher the surface, the more friction it creates.



THE SPARK











