

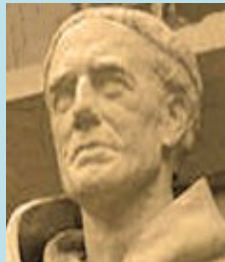
# Science—Year 3—Forces and Magnets

## Key Knowledge

- A force is a push or a pull.
- The smoother the surface the easier it is to push or pull an object across it.
- Some forces need contact between two objects to cause movement, but magnetic forces can act at a distance.
- Magnets attract or repel each other
- Magnets attract iron and steel. Steel contains iron so it is attracted to a magnet
- Magnets are not attracted to paper, wood, glass, plastic, gold, silver, aluminium.
- Magnets as having two poles: North and South.
- Opposite poles will attract, same poles will repel.

## Key People

**Pierre de Maricourt** (1269) discovered that the same magnetic poles repel each other while different poles attract.



## Vocabulary



force	Steel	north pole
push/pushing	Gold	south pole
pull/pulling	Silver	
magnetic force	Aluminium	
magnet	Plastic	
strength	Glass	
attract	Wood	
repel	paper	
magnetic material	non magnetic material	
metal	poles	
iron		

