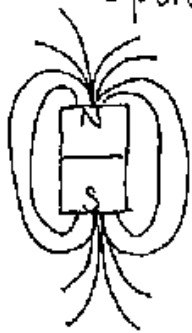


Magnetic Force

Magnetic Field - invisible force, extends out from the magnet into surrounding space



* Strongest force at either the North or South Poles

↳ on either side of the magnet



Permanent Magnet - exhibit magnetic properties all the time

Attract - two magnets come together when opposite poles are near each other

ex.

N		S	N		S
---	--	---	---	--	---

Repel - two magnets push away when the same poles are near each other

ex.

N		S
---	--	---

S		N
---	--	---

Temporary magnet - When a magnet comes close to iron, the iron interacts with the magnetic field, causing the iron to have properties of a magnet.

Induced Magnetism - only happens when a magnet is nearby