

# Notes on Magnetism

How long have magnets been around?

Why did the *Greeks* use magnetite?

What is a lodestone?

Who was William Gilbert and what theory did he propose?

What is magnetism?

What is a pole?

How many poles does a magnet have? What are their names?

What happens when you put two like poles together?

What happens when you put two different poles together?

What do poles always do?

What happens if you cut a magnet in half?

What is a magnetic field?

What is a domain?

How can an unmagnetized substance become magnetized?

What does an unmagnetized substance look like?

Magnetized?

How can you break a magnet?

Is the Earth a magnet?

On Earth, where are the magnetic forces the strongest?

Has the Earth's magnetic field ever flipped? If so how often does it happen?

How do we use the Earth's magnetic field to find direction?

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What other planets/ stars have magnetic fields?

What are Van Allen Belts?

What is another name for Earth's magnetic field?

What is solar wind?

How are the aurora borealis and the aurora australis created?

Is your brain full?