

## MAGNETS

### What is a Magnet?



Magnets attract certain kinds of metal such as iron.

Iron is a kind of metal.

A magnet has two poles, a north and south pole.

Its north pole is on one end and its south pole is on the other end.

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a paper clip, the paper clip would stick to the magnet.

The north pole on a magnet **attracts** the south pole of another magnet.

A magnet attracts with more force when the object is close. So if you put the paper clip on your desk right near the magnet, the magnet will pull the paper clip toward itself.

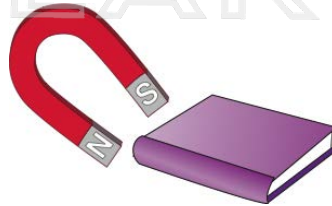
A magnet attracts with less force if object is far away. If you put the paper clip on another desk, the magnet on your desk will not be able to attract it.

**What are some objects that ARE attracted to magnets?**

**Paper clip, iron nail**

### No Attraction

Many objects are not attracted by magnets at all. If you were to put a magnet near a book, nothing would happen at all.



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