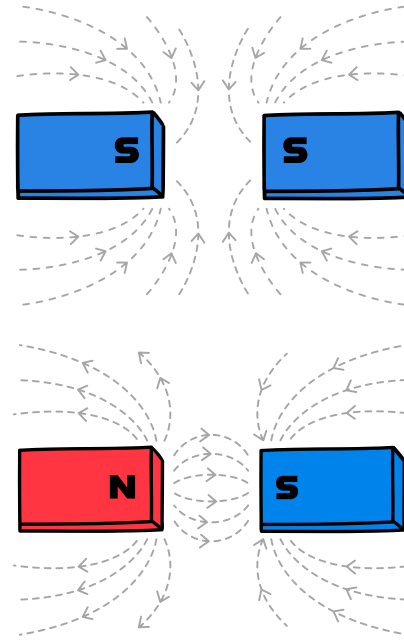


MAGNET MASTERPIECE

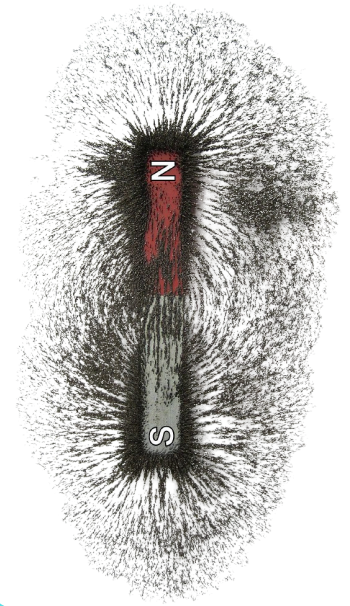
Have you ever played with a magnet?

Did you notice that different sides of a magnet work differently? This is because a magnet has two different sides, called poles. When you try to push two North poles or two South poles together, the magnets will resist you, pushing apart. In other words, they **repel** each other.

But if you flip a magnet around, they will snap together! Opposite poles **attract**, while like poles repel.



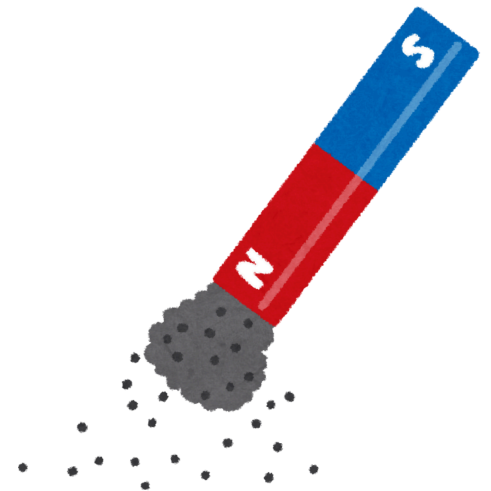
Magnet and Iron Filings



What is magnetism?

You know how you can feel wind, but you can't see it? Like the wind, magnetism is an invisible force.

You still can tell there is wind when you see trees moving their leaves. But humans can't feel magnetism like we feel wind. Only special metals, like iron, feel magnetism. This means we can use iron filings to "see" a magnetic field.





**WAIT!
DO NOT FLIP
THIS PAGE!**

Before you flip this page over, check:

1. Have you completed the experiment?
2. Have you answered all the discussion questions?

Only look at the other side of this page when you are finished.

**IF SOMEONE ELSE IS DOING THIS EXPERIMENT AFTER YOU,
PLEASE FLIP THIS PAGE BACK OVER!**