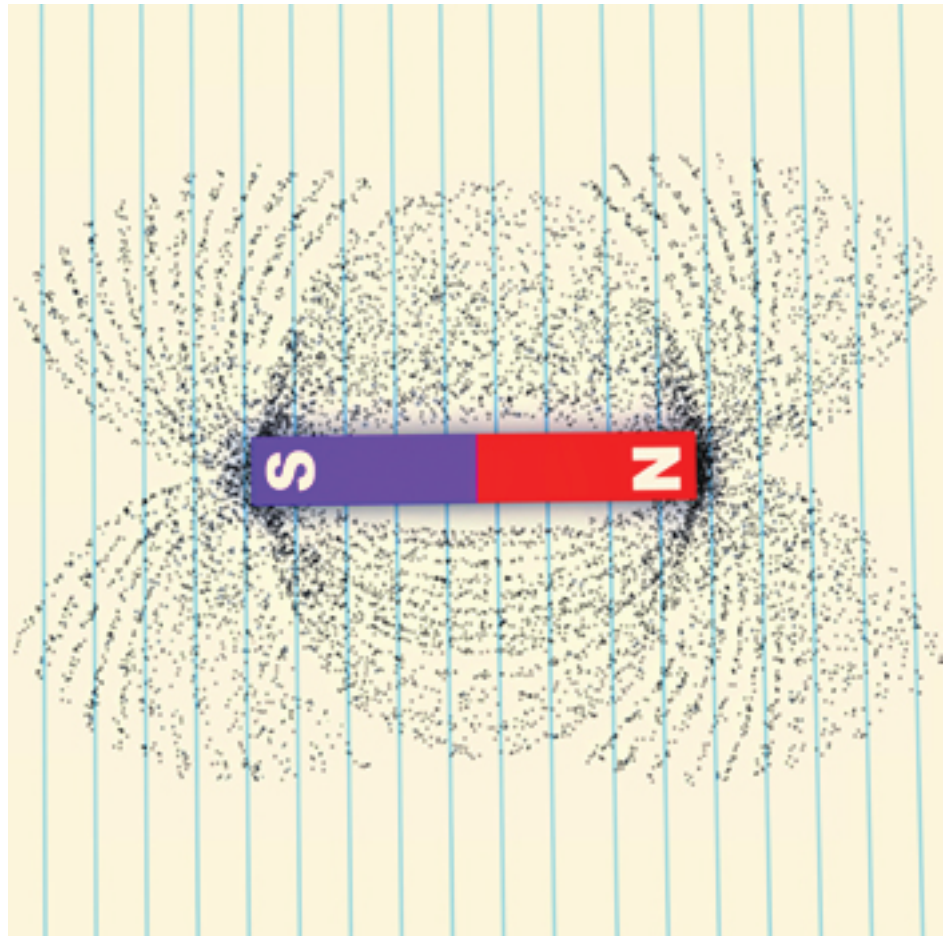




What's a magnet?

A magnet is an object that creates an invisible area of magnetic force around it. This called a magnetic field.

We can use iron filings sprinkled over and around a magnet to see its magnetic field.

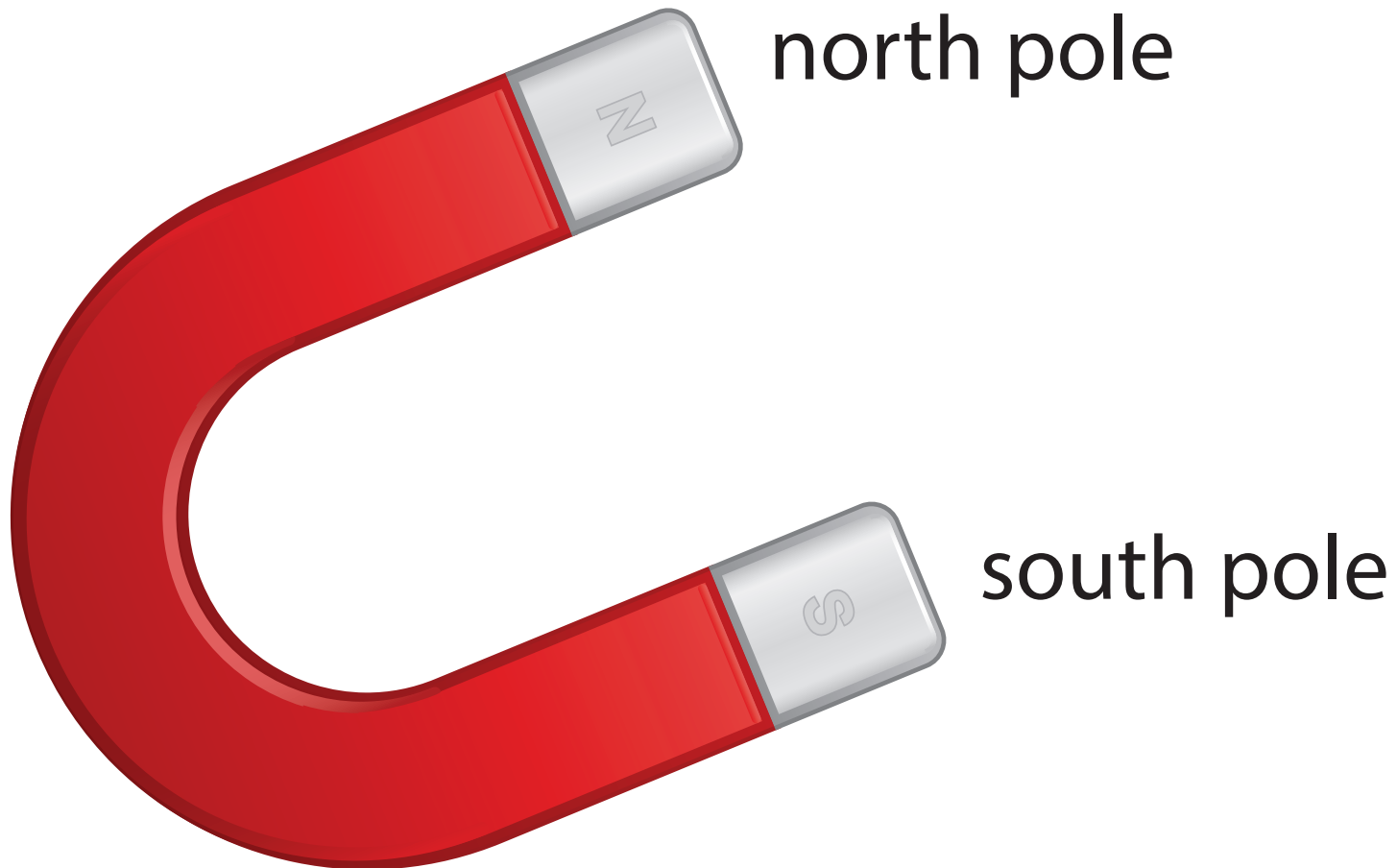


Magnets only attract objects that are made of iron, cobalt or nickel. If one of these objects enter the magnet's magnetic field then the magnet attracts them to it.



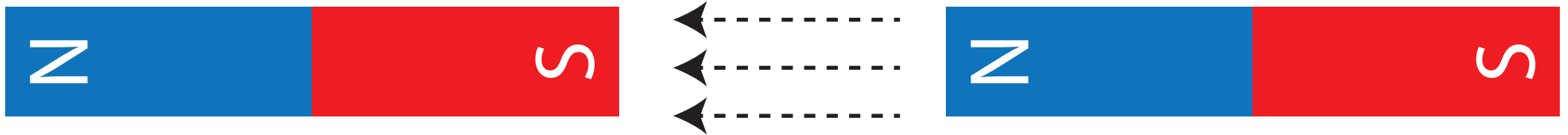
Did you know?

All magnets have a north and south end. These ends are called 'poles'.



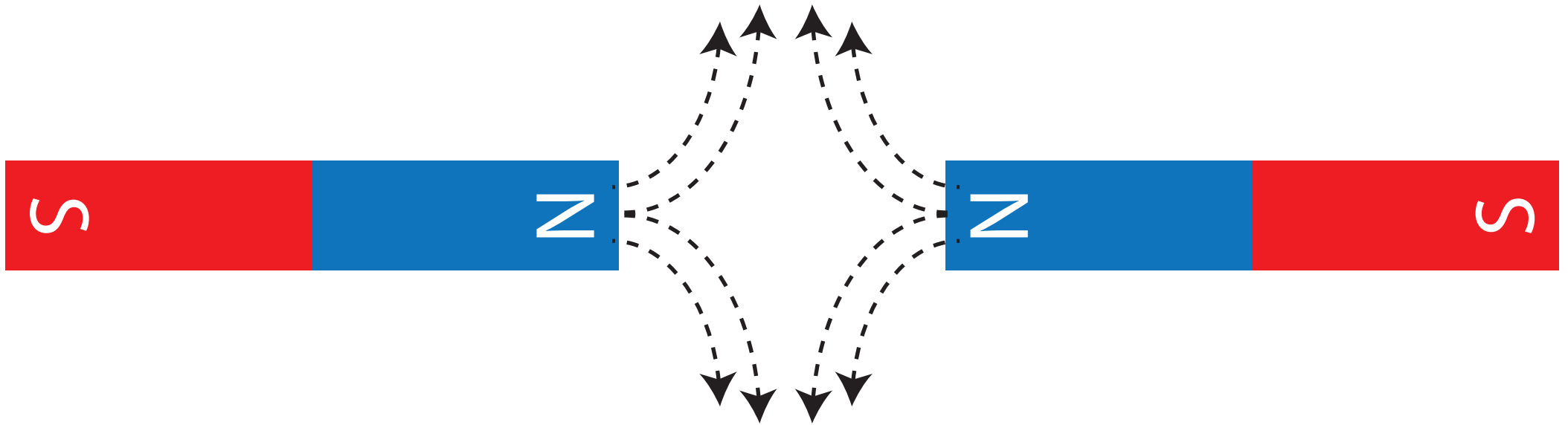
Opposites ATTRACT!

When you place the north pole of a magnet close to the south pole of another magnet they attract (they come together).

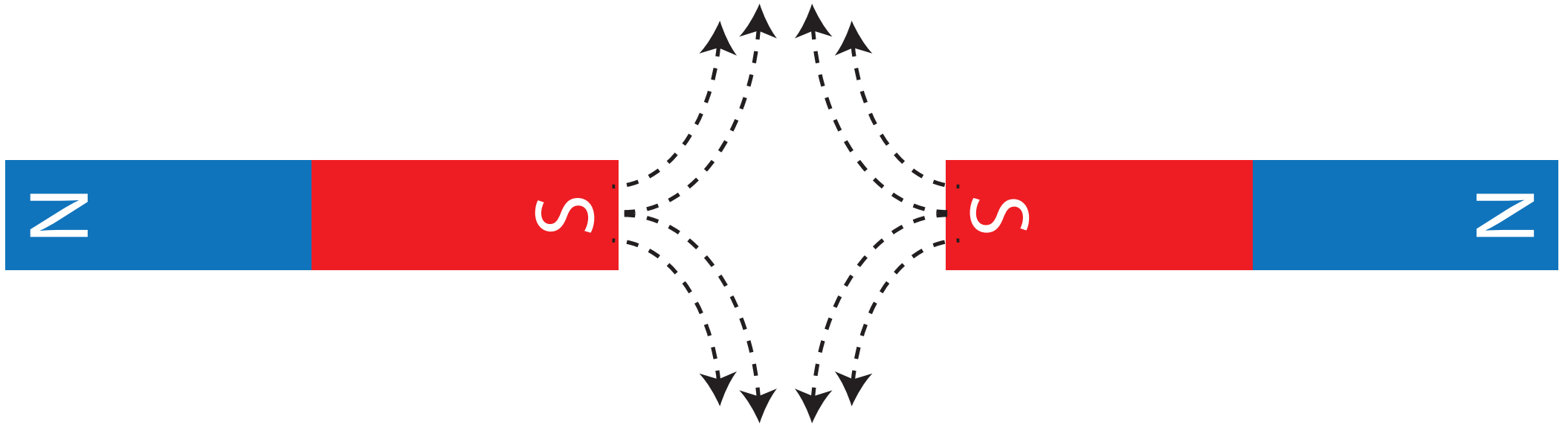


Same sides REPEL!

When you place the north pole of a magnet close to the north pole of another magnet they repel (they exert a pushing force on each other).



The same thing happens if you try to place two south poles together.



Can you think of any uses for magnets in our world?



Magnets are sometimes used to stick notes on a fridge.

There's a magnet underneath the plastic strawberry.



A giant magnet is used to pick up and move metal at this junk yard.

