

## Friction and Magnets – Knowledge Organiser

### VOCABULARY

<b>force</b>	the pulling or pushing effect that causes something to move.
<b>push</b>	a force that tends to move things away.
<b>pull</b>	a force that tends to move things towards you.
<b>twist</b>	a turning movement caused by pushing or pulling in a circular direction.
<b>friction</b>	a force between two moving surfaces that are touching. Friction slows things down.
<b>magnet</b>	an object which attracts magnetic metals (such as iron).
<b>magnetism</b>	an invisible force which causes magnets to attract other magnetic materials.
<b>poles</b>	the opposite ends of a magnet (north pole and south pole).
<b>attract</b>	to pull (or be pulled) towards a magnet.
<b>repel</b>	to push (or be pushed) away from a magnet.
<b>magnetic</b>	a property of a material that makes it attracted to a magnet.

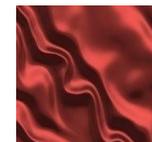
### Forces



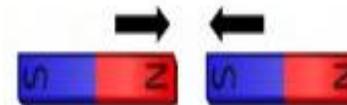
### Friction

less friction

more friction



### Magnetism



Opposite poles **attract**.



The same poles will **repel**.