

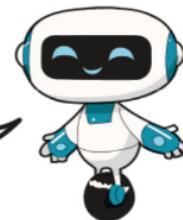
## Thinking cap

Do magnets attract all materials? **No**



Object	Material	Attracted to magnet (yes / no)
classroom door	wood	no
window pane	glass	no
ring	gold	no
desk steel tube	steel	yes

Can you identify a pattern  
in the materials that are  
attracted to the magnet?



Only objects made of some metals are attracted to the magnet.  
Objects that are not made of metal are not attracted to the magnet.

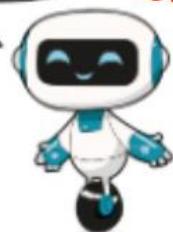
Is the door of the fridge on page 123 made of a magnetic material or a non-magnetic material?



**magnetic material**

What type of scientific enquiry did you use in this activity?

**classifying**



## Check Your Learning

Can an object made of a non-magnetic material repel a magnet? **No**

**P.132**



**explain:** A magnet does not repel non-magnetic or magnetic materials. Instead a magnet always attract magnetic materials. So, if a magnet repels an object, then that object is surely a magnet.