

Thinking cap

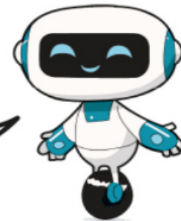
Do magnets attract all materials? **No**



P.128

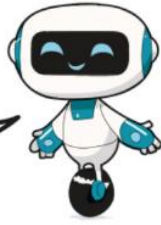
Object	Material	Attracted to magnet (yes / no)
classroom door	wood	no
window pane	glass	no
ring	gold	no
desk steel tube	steel	yes

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.