

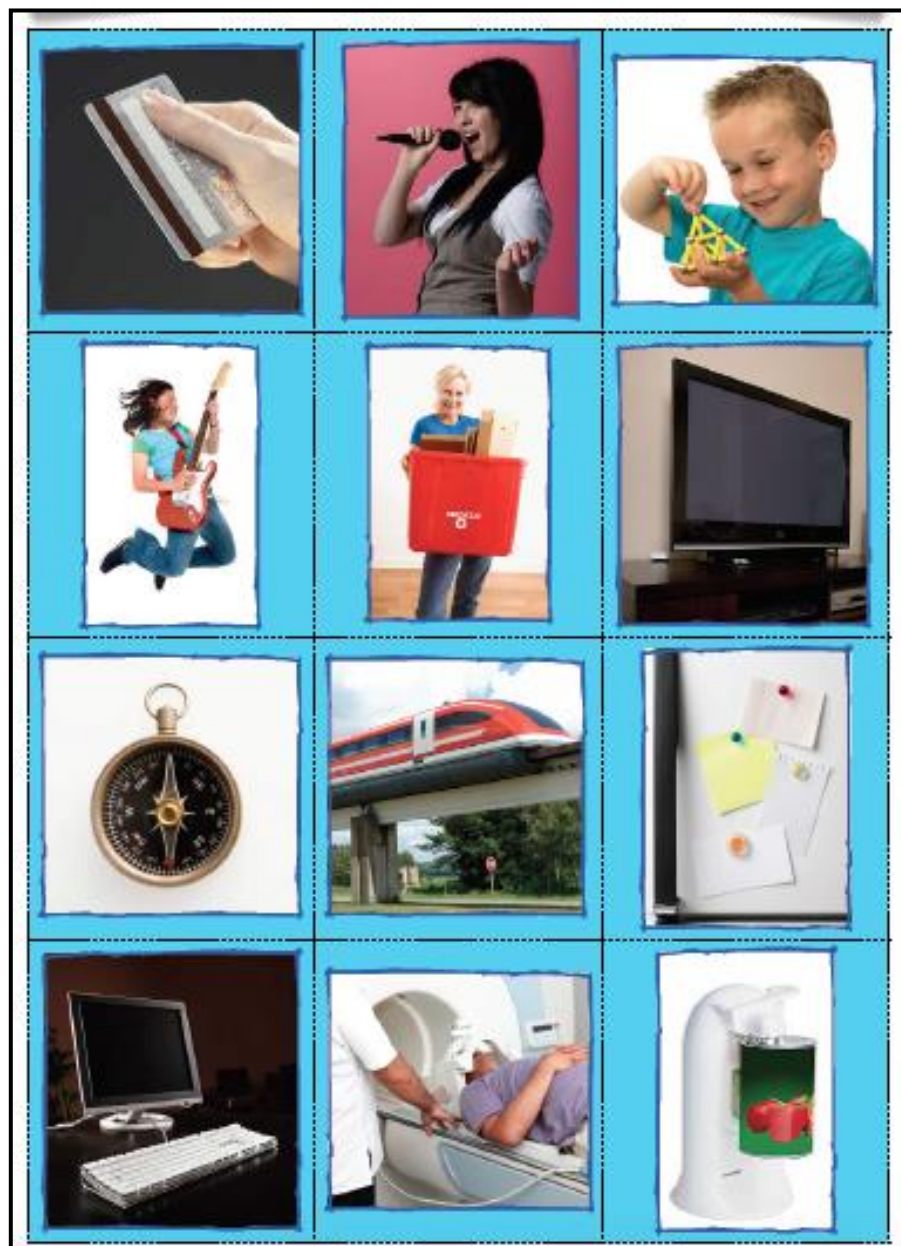
Magnets:

From your previous research on magnetic materials, you may have noticed that only metals are magnetic. Plastic, wood and other materials are never magnetic. However, not all metals are magnetic either. Iron and steel are magnetic, whereas copper, brass and aluminium are not. Some alloys (a mixture of two metals) are magnetic if they contain iron, steels, nickel or cobalt.

This week we would like you to think about how we use magnets in everyday life. How many different uses for magnets can you think of?

Task One:

Look at the different pictures showing how magnets can be used in our daily lives. Can you match them to the description below?



Magnets are used to separate materials for recycling.	Magnets are used to secure notes and pictures to fridges.	Magnets are used in computers.
Magnets are used in televisions.	Magnets are used in compasses to find out which direction you are facing.	Magnets are used in maglev trains so the train floats on the track.
Magnets are used in hospitals in MRI machines.	Magnets are used in credit cards.	Magnets are used in electric can openers.
Magnets are used in lots of children's toys.	Magnets are used in electric guitars.	Magnets are used in microphones.

Task Two:

Using the information below to help, it is your task to create a presentation showing different ways in which we use magnets. Be creative – you could present your ideas in a poster, a Powerpoint, as a poem, a filmed news report, or any other way you can think of. We look forward to seeing the results!

