

## Match the Elements

*An activity of "The periodic table: it's "elementary!"*

In "The periodic table: it's "elementary!" (page 8, *What's Up* February 2019), the writer tells us all about the periodic table. Below are some common elements and their symbols.

Name of element	Symbol		Name of element	Symbol
Hydrogen	H		Iron	Fe
Helium	He		Sodium	Na
Mercury	Hg		Magnesium	Mg
Iodine	I		Silver	Ag
Potassium	K		Silicon	Si
Carbon	C		Gold	Au
Nitrogen	N		Lead	Pb
Copper	Cu		Chlorine	Cl
Fluorine	F		Argon	Ar

Can you remember all of them? Play this matching game with your partner to find out!

### Before the game

1. Cut out the cards on the next page. You should have 36 cards.
2. Turn the cards face down and mix them up. Then, lay them out in rows of 6 x 6.

### How to play

- The younger player, Player A, starts.
- Player A turns over any two cards, one at a time. Keep the cards in their positions. If the cards match — where one card is the name of an element, and the second card is its correct symbol — take the cards. Turn over two more cards. Each time the cards match, the player gets to keep them. If the cards do not match, turn the cards face-down. It is now Player B's turn to repeat the steps.
- Continue to play until all the cards have been taken by the two players. The winner is the one with more matched pairs!

### Challenge yourself!

Find the game too easy? Make it harder by giving each player a time limit of 10 seconds for each turn. If that is still too easy, simply shorten the time limit. You can also refer to the periodic table and make more cards.

✂ Cut these out to make cards for your game.

Hydrogen	Helium	Mercury	Iodine	Potassium	Carbon
Nitrogen	Copper	Fluorine	Iron	Sodium	Magnesium
Silver	Silicon	Gold	Lead	Chlorine	Argon
H	He	Hg	I	K	C
N	Cu	F	Fe	Na	Mg
Ag	Si	Au	Pb	Cl	Ar