# ELEMENT SCAVENGER HUNT: AT HOME

Find each thing, tick the box and say the element's name out loud. Some finds have two elements.

**Name** _____ **Found** _____ **out of 12** _____

| | FIND | ELEMENT | WHY IT COUNTS |
|---|---|---|---|
| ☐ | **Kitchen foil** | **Al**<br>**Aluminum** | Foil is a thin sheet of aluminum. |
| ☐ | **Copper wire or an old penny** | **Cu**<br>**Copper** | Pennies from before 1982 are mostly copper. Newer ones are zinc with a copper coat. |
| ☐ | **A pencil** | **C**<br>**Carbon** | The "lead" is graphite, a form of carbon. |
| ☐ | **Table salt** | **Na, Cl**<br>**Sodium and chlorine** | Salt is sodium chloride. |
| ☐ | **A floating party balloon** | **He**<br>**Helium** | Only balloons that float have helium. Ones you blow up have your breath. |
| ☐ | **A nail or a paper clip** | **Fe**<br>**Iron** | Both are steel, which is mostly iron. A magnet sticks to them. |
| ☐ | **Chalk or a glass of milk** | **Ca**<br>**Calcium** | Chalk is a calcium compound, and milk has calcium in it. |
| ☐ | **A gold or silver ring** | **Au, Ag**<br>**Gold or silver** | Ask first. Plenty of rings are other metals, so check the stamp inside. |
| ☐ | **A glass of water** | **H, O**<br>**Hydrogen and oxygen** | Water is $H_2O$: two hydrogens and one oxygen. |
| ☐ | **A glowing red-orange sign, or a picture of one** | **Ne**<br>**Neon** | Real neon glows red-orange. Many signs today are LEDs. |
| ☐ | **A soda can** | **Al**<br>**Aluminum** | Most drink cans are aluminum. A magnet won't stick. |
| ☐ | **Sand** | **Si**<br>**Silicon** | Most sand is quartz, which is silicon and oxygen. |

**Look, don't taste.** Ask a grown-up before you pick up jewelry, and leave plugs, outlets and anything hot alone. Say the element's name out loud when you find it.

# ELEMENT SCAVENGER HUNT: IN THE CLASSROOM

Find each thing in the room, tick the box and say the element's name out loud. Work in pairs and compare at the end.

**Name** _____ **Found** _____ **out of 12** _____

| | FIND | ELEMENT | WHY IT COUNTS |
|---|---|---|---|
| ☐ | **A pencil** | **C**<br>**Carbon** | The "lead" is graphite, a form of carbon. |
| ☐ | **A stapler or staples** | **Fe**<br>**Iron** | Staples are steel, which is mostly iron. |
| ☐ | **Chalk** | **Ca**<br>**Calcium** | Chalk is a calcium compound. |
| ☐ | **A window** | **Si, O**<br>**Silicon and oxygen** | Glass is made mostly from sand, which is silicon and oxygen. |
| ☐ | **A water bottle or the fountain** | **H, O**<br>**Hydrogen and oxygen** | Water is $H_2O$. |
| ☐ | **Foil or a drink can from lunch** | **Al**<br>**Aluminum** | Foil and most drink cans are aluminum. |
| ☐ | **Copper wire or an old penny** | **Cu**<br>**Copper** | Pennies from before 1982 are mostly copper. Newer ones are zinc with a copper coat. |
| ☐ | **The air in the room** | **N, O**<br>**Nitrogen and oxygen** | Air is about 78% nitrogen and 21% oxygen. Breathe in to count it. |
| ☐ | **A banana from a lunchbox** | **K**<br>**Potassium** | Bananas are known for their potassium. |
| ☐ | **Fluorescent tube lights, if your room has them** | **Ar**<br>**Argon** | The tubes hold a little argon gas. LED lights don't. |
| ☐ | **Your own teeth** | **Ca, P**<br>**Calcium and phosphorus** | Teeth and bones are made of a calcium phosphate mineral. |
| ☐ | **A tablet or laptop** | **Li, Si**<br>**Lithium and silicon** | Its battery uses lithium, and its chips are made from silicon. |

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