

MY PERIODIC TABLE

INTRODUCTION

Explore and know all 118 chemical elements with **i-Poster: My Periodic Table!** The interactive visual poster helps children to learn about the elements with their names, symbols, atomic numbers, mass, groups, and fun facts, along with an exciting quiz to challenge! (5+ years)

- Speaker
- 118 Element Buttons
- 18 Group Buttons
- ON/OFF Button (with the LED lights)
- 6 Mode Buttons
- Song Button
- Volume Buttons
- Repeat Button

The i-Poster features a comprehensive periodic table with 118 elements. Each element tile displays its symbol, name, atomic number, and atomic mass. The poster is designed for interactive learning, with a central control panel and various buttons for navigation and engagement.

Control Panel Features:

- Element Names Quiz:** Learn the elements with their names, symbols, atomic number, mass.
- Element Groups Quiz:** Learn the elements with their groups, which is a bonus.
- Element Fun Facts Quiz:** Learn the elements with their fun facts.
- 6 Mode Buttons:** Includes a Song Button, Volume Buttons, and a Repeat Button.
- ON/OFF Button:** Controls the LED lights.
- Speaker:** Provides audio feedback.
- 118 Element Buttons & 18 Group Buttons:** Allow for easy navigation through the periodic table.

Educational Content:

- Atomic Number:** The number of protons in an element.
- Year of Discovery:** The year the element was discovered.
- Symbol:** The one or two letters used to identify a specific element.
- Name:** The name of the element.
- Atomic Mass:** The average mass of all the isotopes of an element.
- Period:** The horizontal row of elements.
- Group:** The vertical column of elements.
- Phase:** The state of matter (solid, liquid, gas, or plasma) at standard temperature and pressure (STP).
- Synthetic Elements:** Elements that do not occur naturally.
- Rare Earth Elements:** A group of 17 elements.
- Common Building Blocks:** A group of 11 elements.

Additional Features:

- Alkaline Earth Metals:** A group of 16 elements.
- Alkali Metals:** A group of 7 elements.
- Transition Metals:** A group of 10 elements.
- Other Metals:** A group of 10 elements.
- Metals:** A group of 10 elements.
- Non-Metals:** A group of 10 elements.
- Halogens:** A group of 7 elements.
- Noble Gases:** A group of 6 elements.

INCLUDED IN THIS PACKAGE

i-Poster: My Periodic Table

ADVICE

- **DO NOT FOLD** this product.
- For best performance, please spread the poster out flat on the floor then place the packaging box on it over night to flatten the poster.
- For best performance, please make sure to turn the unit OFF before inserting or removing batteries. Otherwise, the unit may malfunction.
- All packing materials, such as tape, plastic, sheets, packaging locks, wire ties and tags are not part of this toy, and should be discarded for your child's safety.
- Please keep this user's manual as it contains important information.
- Please protect the environment by not disposing of this product with household waste.

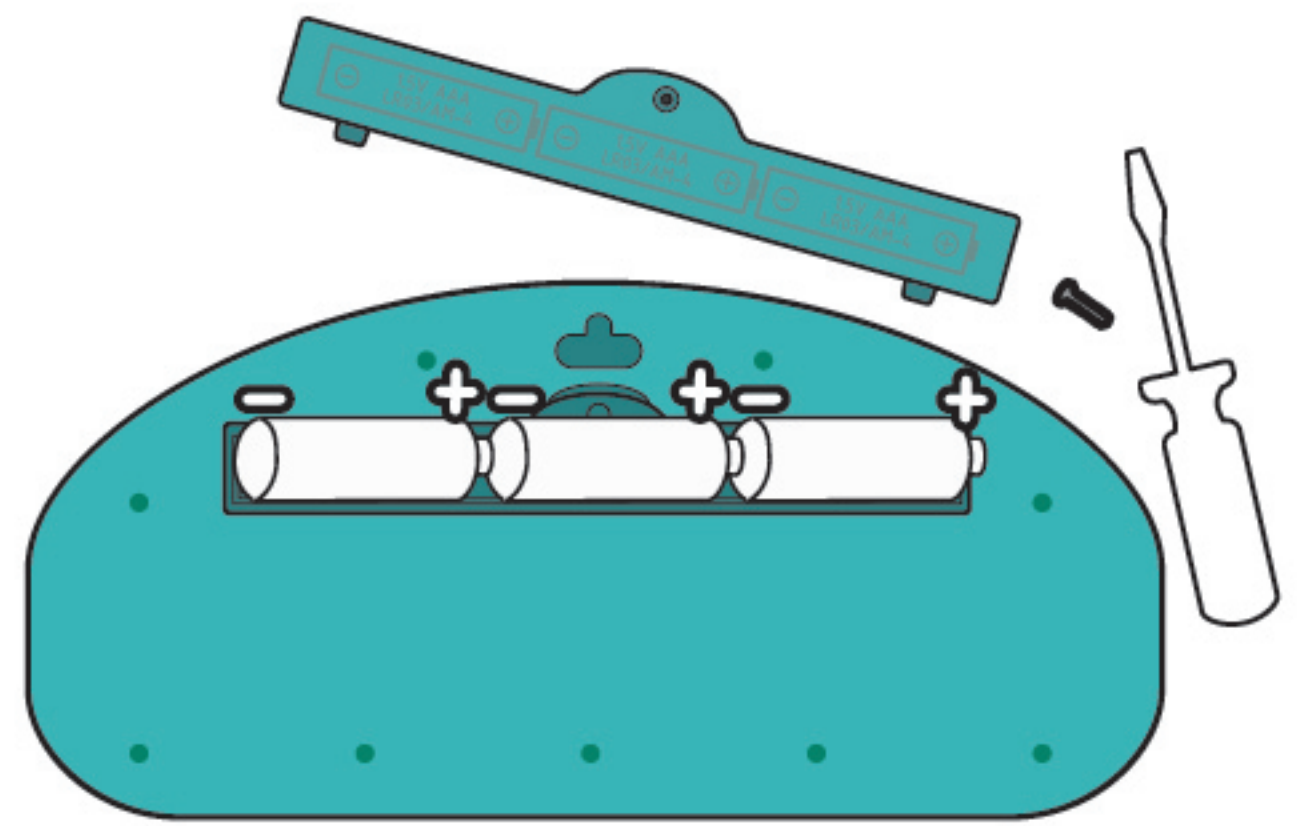
GETTING STARTED

Take the **i-Poster** out of the storage slot.

Battery Installation

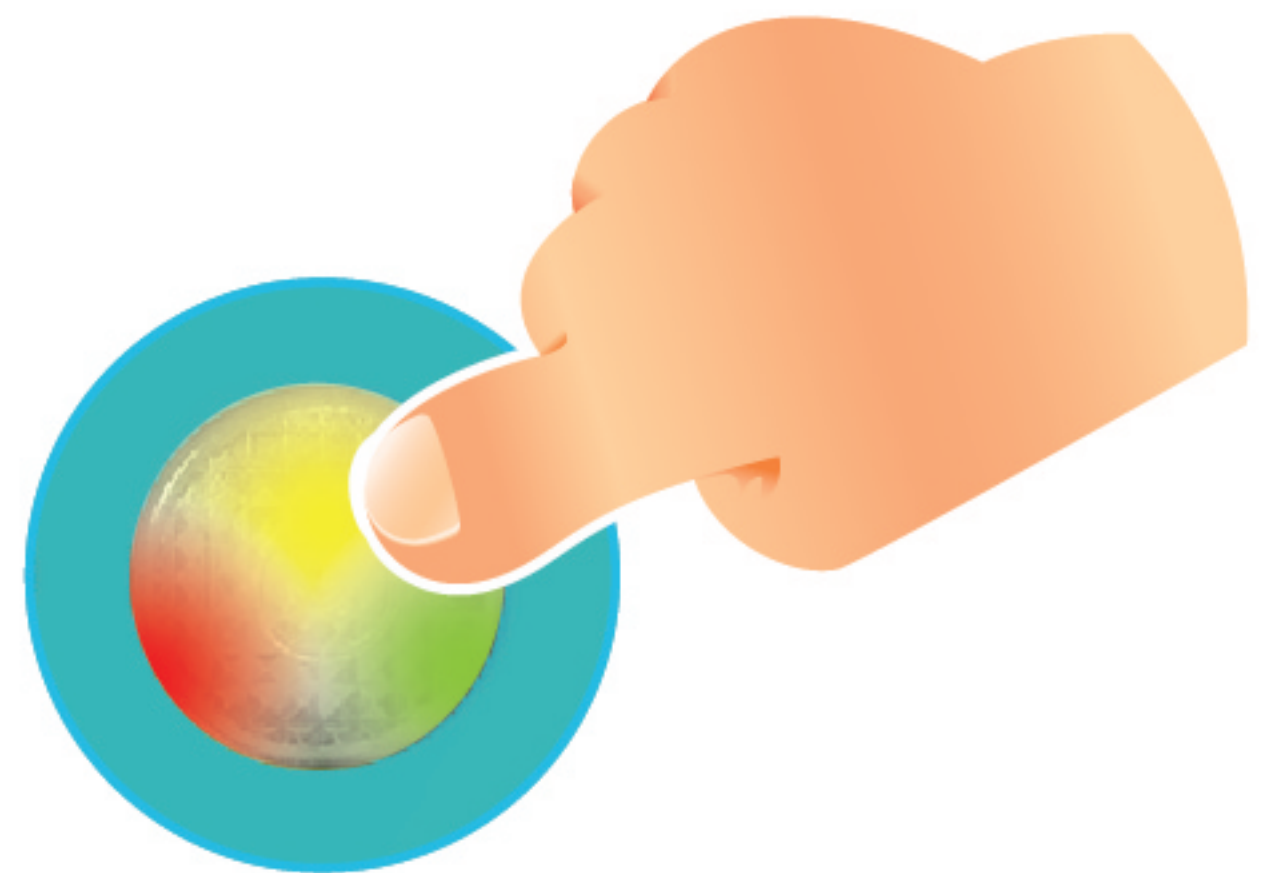
The **i-Poster** operates on 3 AAA (LR03) batteries:

1. Locate the battery cover on the bottom of the unit and open it with a screwdriver.
2. Insert 3 AAA (LR03) batteries as illustrated.
3. Close the battery cover and screw it back.



Start Playing

1. Press the ON/OFF button to turn ON.
2. Select any one of the functional buttons to choose a mode to play.
3. Follow the instruction then ENJOY IT!
4. To turn OFF, just press the ON/OFF button again.



SLEEP MODE

1. If the **i-Poster** is not active for more than 2 minutes, it will automatically shut OFF. Press any button to turn it back ON.
2. We recommend turning the unit OFF when done playing with it.

FUNCTIONAL BUTTONS

Element Buttons

118 element buttons are arranged from left to right with 18 groups and 7 periods on the periodic table.



Alkali Metals



Alkaline Earth Metals



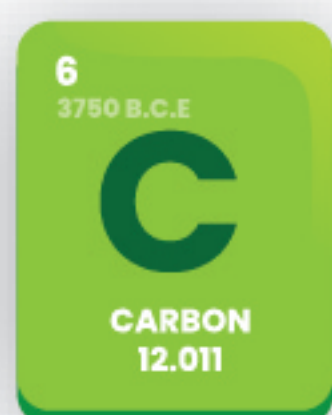
Transition Metals



Other Metals



Metalloids



Non-Metals



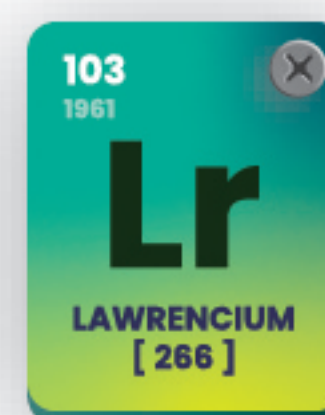
Halogens



Noble Gases



Lanthanides



Actinides

Group Buttons

18 group buttons are numbered by the IUPAC system from 1 to 12 with the CAS numbers are above them.



Volume Buttons

2 volume buttons for 5-level volume control.



Volume down



Volume up

Repeat Button

Press it to repeat the previous statement.



Repeat

6 MODE BUTTONS

Element Names

Quiz

Learn the basic knowledge about each element's name, symbol, atomic number, and mass by pressing any of the element buttons.

Element Names Quiz

Challenge the basic quiz about the elements.

Answer the questions by pressing the element buttons.

Element Groups

Quiz

Learn about each element's team and group by pressing any of the element buttons. Press any of the group buttons to know the chemical and physical properties of that group, pressing it again to learn more.

Element Groups Quiz

Challenge the basic quiz about the groups of the elements.

Answer the questions by pressing the group buttons.

Element Fun Facts

Quiz

Learn about each element's fun facts by pressing any of the element buttons. Press it again to learn more.

Element Fun Facts Quiz

Challenge the advanced quiz about the fun facts of the elements.

Answer the questions by pressing the element buttons.

Quiz Modes Hints

1. If you answer incorrectly, it will repeat the same question with a hint.
You have three tries to answer correctly.
2. After three wrong answers, it will say out the correct answer then give you 2 extra chances to locate the correct button.
3. Don't forget to press the **Repeat Button** if you want to hear the question or the hint again.

Content

The content in the product is as of 1-May-2022 and has been reviewed by specialists with chemistry backgrounds. If there are any mistakes, let us know!



My Periodic Table Song

The universe is made from atoms
 And elements are things made of just one kind
 At first there were only 92, but then another 26 were found
 The way we group the elements is very simple
 They all have a number and a symbol
 There are 18 groups to remember, some heavy, some lighter than a feather

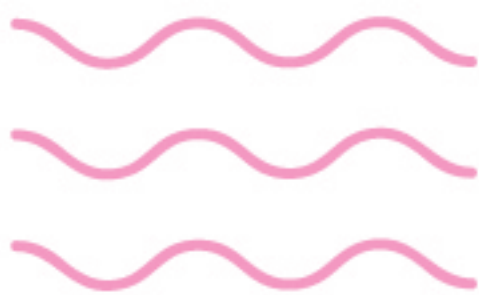
(Read) There are...

Aluminum for building planes and
 Bromine for our cameras
 Chlorine used in swimming pools and
 Copper is for pennies
 Gold for jewelry
 Helium for balloons
 Hydrogen is explosive
 Iodine to kill the germs and
 Iron for building buildings
 Lead for batteries
 Mercury is used for thermometers
 Neon gives us lights and signs
 and coins are made of Nickel
 Air is made of Nitrogen
 Oxygen's for breathing
 Silicon to make computers
 Silver knives and forks
 Sodium for salt and lights
 Sulfur for our matches
 Tungsten bulbs and
 Tin for cans and
 Zinc for galvanizing

(Read) "That's when you don't want something to get rusty"
 There are many elements we know about, 118 to be exact
 but don't you worry cause now we'll learn, how to get to know them better

The elements are read from left to right
 Hydrogen is the first one, scrolling down the row they're getting
 heavier by their number

(Read) The doctor who invented the periodic table
 His name was Dmitri Mendeleev ('Men-de-LAY-ev')
 He had a dream where he saw the perfect way to arrange the elements
 The table is used in every country, all around the whole world
 Each element might have a different name, but the symbol never changes
 This is the periodic table, the alphabet of the universe
 we now know what it's used for, and how to read the different symbols



CARE AND MAINTENANCE

- Keep product away from foods and beverages.
- Clean with a slightly damp cloth (cold water) and mild soap.
- Never submerge the product in water.
- Remove batteries during prolonged storage.
- Avoid exposing product to extreme temperatures.

BATTERY SAFETY

- Batteries are small parts and choking hazards to children, must be replaced by an adult.
- Follow the polarity (+/-) diagram in the battery compartment.
- Promptly remove dead batteries from the toy.
- Dispose of used batteries properly.
- Remove batteries from prolonged storage.
- Only batteries of the same type as recommended are to be used.
- **DO NOT** incinerate used batteries.
- **DO NOT** dispose of batteries in fire, as batteries may explode or leak.
- **DO NOT** mix old and new batteries.
- **DO NOT** mix alkaline, standard (carbon-zinc) or rechargeable (Ni-Cd, Ni-MH) batteries.
- **DO NOT** recharge non-rechargeable batteries.
- **DO NOT** short-circuit the supply terminals.
- Rechargeable batteries are to be removed from the toy before being charged.
- Rechargeable batteries are only to be charged under adult supervision.

TROUBLESHOOTING

Symptom	Possible Solution
Toy does not turn ON or does not respond.	<ul style="list-style-type: none">● Make sure batteries are correctly installed.● Make sure battery cover is secured.● Remove batteries and put them back in.● Clean battery compartment by rubbing lightly with a soft eraser and then wiping with a clean dry cloth.● Install new batteries.
Toy makes strange sounds, behaves erratically or makes improper responses.	<ul style="list-style-type: none">● Clean battery contacts per above instructions.● Install new batteries.

Item No. 4271

CONFORMS TO
CE EN71
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ASTM F963



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