



Science Virtual Learning

Middle School NES Science

April 20, 2020



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Lesson: April 20, 2020

Objective/Learning Target:
Students will identify and explain the parts
and use of the periodic table of elements.


What is the periodic table?

The image shows a periodic table of elements. The word "Metals" is written in green above the main body of the table. The elements are color-coded: blue for non-metals (H, He, and the p-block elements from B to At), green for metals (the s-block, d-block, and f-block elements), and orange for metalloids (B, Si, Ge, As, Sb, Te, Po, and At). The table includes element symbols and names, such as H (Hydrogen), He (Helium), Li (Lithium), Be (Beryllium), Na (Sodium), Mg (Magnesium), K (Potassium), Ca (Calcium), Sr (Strontium), Rb (Rubidium), Cs (Cesium), and Fr (Francium) in the s-block; B (Boron), C (Carbon), N (Nitrogen), O (Oxygen), F (Fluorine), and Ne (Neon) in the top right; and the lanthanide and actinide series at the bottom.

H	He	Metals																B	C	N	O	F	Ne
Li	Be																	B	C	N	O	F	Ne
Na	Mg																	Al	Si	P	S	Cl	Ar
K	Ca	Sc	Ti	V	Cr	Mn	Fe	Co	Ni	Cu	Zn	Ga	Ge	As	Se	Br	Kr						
Rb	Sr	Y	Zr	Nb	Mo	Tc	Ru	Rh	Pd	Ag	Cd	In	Sn	Sb	Te	I	Xe						
Cs	Ba	La	Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn						
Fr	Ra	Lr	Rf	Db	Sg	Bh	Hs	Mt	Uu	Uu	Uu	Uu	Uu	Uu	Uu								
		La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb								
		Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No								

Remember that you can turn on subtitles in Spanish if you need to!

Pronunciation Practice

Click on each word or phrase. Then click the  button to hear the word. Repeat each word or phrase.

[periodic table](#)

[metals](#)

[nonmetals](#)

[metalloids](#)

[alkali](#)

[noble gases](#)

Practice

Periodic Table Quiz

(Don't worry, it's just practice!)

You may translate the page if you need to.

Learn and Practice the Elements

[Sortify: Elements of the Periodic Table](#)

Additional Practice

Quizizz - The Periodic Table