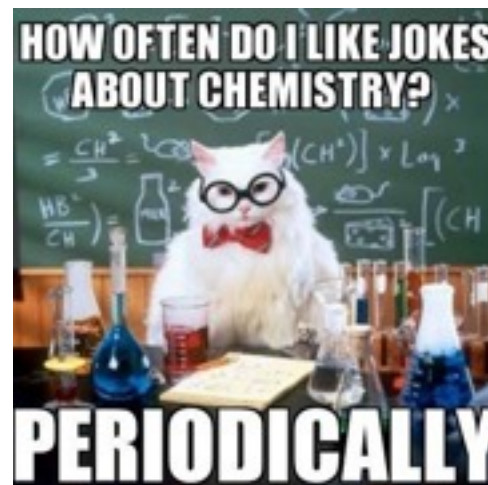


The Periodic Table

_____ is the scientist who first tried to organise the elements. He originally organised them according to_____.

_____ discovered a method for determining the number of protons in an atom and hence the _____. Together, the periodic table was created.



The Periodic Law -

Horizontal rows are called _____. Properties change from left to right. Vertical columns are called _____. Elements in the same group share similar properties.

H																He
Li	Be															
Na	Mg															
K	Ca															Kr

Draw Lewis structures for the above elements. What do you notice?

Periodic Table of the Elements

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
H																	He
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		Hf	Ta	W	Re	Os	Ir	Pt	Au	Hg	Tl	Pb	Bi	Po	At	Rn
Fr	Ra		Rf	Db	Sg	Bh	Hs	Mt	Uun	Uuu	Uub						

La	Ce	Pr	Nd	Pm	Sm	Eu	Gd	Tb	Dy	Ho	Er	Tm	Yb	Lu
Ac	Th	Pa	U	Np	Pu	Am	Cm	Bk	Cf	Es	Fm	Md	No	Lr

Metals

Non-metals

Metalloids

Metals	Non-Metals	Metalloids

Find the element that matches the pun below!

- | | | |
|-------------------------------------|-------------------------|-----------------------------|
| 1. What you do in a play | 6. Your brother or mine | 11. Police |
| 2. What you do to a wrinkled shirt | 7. Extinct | 12. Golden State |
| 3. "Tasty" part of your mouth | 8. Imitation diamond | 13. Name of a goofy convict |
| 4. Someone who likes to start fires | 9. A type of flower | 14. Mr. Mony's enemy |
| 5. Superman's weakness | 10. Las Vegas lights | 15. What you do to flowers |