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THIS WEEK IN SCIENCE:

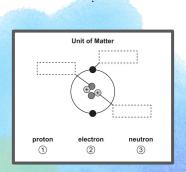
ATOMS & ELEMENTS

Focus: Describe Parts of an Atom.

Focus: Compare and Contrast Elements &

Molecules

Focus: Atomic Number and Atomic Mass



SCIENCE August 12, 2024

Dr. D. Smith SCIENCE LAB NEWSLETTER

Science Fair Project

- Read the guidelines carefully before selecting your science fair topic.
- Decide upon a topic.

Science Fair Topic Due: August 23, 2024.

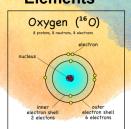
Cooking with Chemistry Pancake Sale Project Due: 12/2024

- Decide what each team member will be responsible for bringing.
 - Write down each team member's responsibility.
- Decide upon which Parent/Guardian will help assist your team with cooking pancakes. AN ADULT MUST BE PRESENT.
- A Hot Plate will be provided, or You may bring your own Griddle.

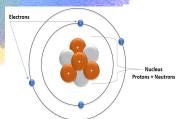
 You must bring your cooking utensils, plates, and eating utensils.
- Pancake Mix can be premixed at home to save time.
- Decide upon a price for your pancakes. How much will you charge for extra toppings?
- Decide upon your toppings for your pancakes.
- Pancake Advertisement Poster. Create a poster with the price of your pancakes, toppings, and your pancake recipe. Include elements used in your recipe. Due to allergic reactions to some elements, a recipe must be included on your poster. Use as many fractions in your recipe as possible.

Study Guide Diagrams Below.

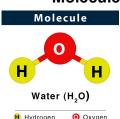
Elements



Parts of An Atom



Molecule



H Relegen																
1.04	2											13	14	15	16	17
Li Lifteen 5.54	Be troplem											B Seen 10.81	C Gallen 12.00	N Sitrope 14.21	0	F Reserve 19,00
Na Soden 22.99	Mg thepresent 24.51									11	9	AI themen	Si Since 28,00	P Pasptons:	S later	CI Observe 33.40
19 K Notesian 28.10		Sc	Ti Statem	V Vindom 53,54	Cr Cr	Mn Regence 54.54		Co 58.60	Ni State State	Cu	Zn 500 500 500	Ga Lidlen 69.72	Ge		Se	Br beneau 73,50
Rb hindun 55.47	Sr Stration 67.63	79 Yessen 55.01	Zr Jessen 91.22	Nb minima 12,51	Mo Mo	Tc hdastan 95.51	Ru Ict 37	Rh Ibodus 132,51	Pd httelen 106.42	Ag	Cd	In In II A E	5n la 116.71	Sb Attention 127.36	Te 1276	50
Cs Grains 132.96	56 Ba Inten 137.33	SS-29 Lambasides	Hf Iddan 173.40	Ta Intoler 180.95	W legan 18334	Re thesan 186.21	Os 0s 0s 0s 0s 0s 0s 0s 0s 0s 0s 0s 19023	77 Ir Indon 110,12	Pt Retent 195.00	Au Gall 196.97	Hg Hg	TI Subten 201.38	Pb bed 3072	Bi Summi 208.98	Po Po Polenten (200.90)	At Aten 301.00
"Fr	**Ra	89 193 A396s	™ Rf	Db	™Sg	Bh	Hs	Mt	Ds	Rg	Cn	Nh	"FI	Mc	Lv	Ts

| Case |

Science

- Cumulative Assessment: Atoms, Elements, Molecules on 08//16/2024.
- Cooking with Pancakes Class Science Project information will be sent home 08/12/2024. Due Date: 12/2024.
- Build an Atom Project Due on 08/16/2024. Project worksheet will be sent home 08/12/
- Students will be working with different chemicals as well as sharp objects and protective wear is required during labs. Students not wearing protective gear will have to observe from a safe distance in the classroom, listen, and take study notes.
- □ Clubs will begin 08/19:2024 from 7:00-7:30. The window for signing up for clubs closed 08/09/2024.