



Welcome to our Matter Unit!



What comes to mind when you hear the word 'matter'?





Go to Google Classroom to answer the first two question in our first Google Classroom assignment of this unit!

KWL Chart

What do I already know about this	W What do I want to learn about this	L What did I learn about this subject?
subject?	subject?	
		$ \ \ \ $
		X
		$ \hspace{.1cm} / \backslash \hspace{.1cm} $
		$\mid \ / \ \setminus \ \mid$
		$ \ / \ $
		/



Matter: Anything that has mass and takes up space.

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You take up space. You have mass.



You matter!

Go get a single square of toilet paper

Yep, seriously. Grab a square of toilet paper. :)





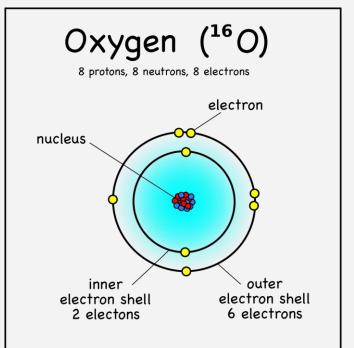
Atoms - basic unit from which all matter is made.

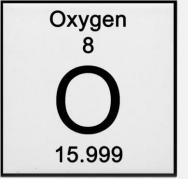
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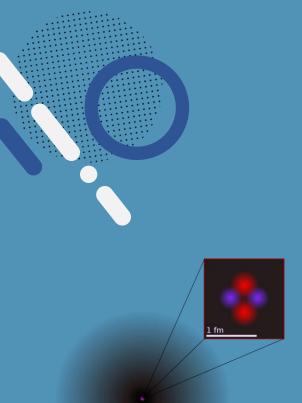


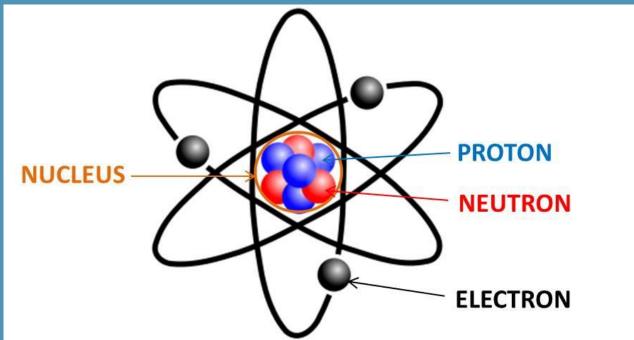
Oxygen Atom



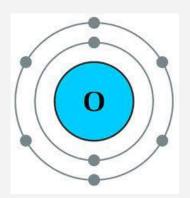


Atom - Smallest unit of ordinary matter that forms a chemical element











Oxygen Element



Element - A substance that cannot be separated into simpler substances through chemistry



Elements





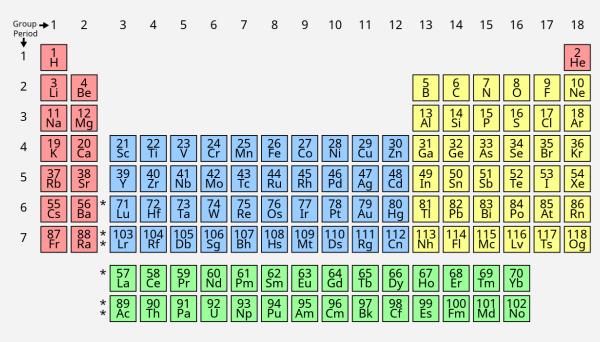








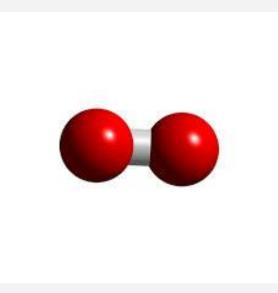
Periodic Table







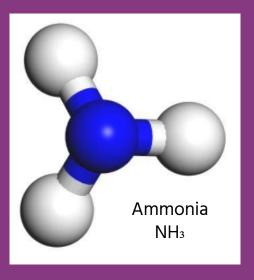
Oxygen Molecule

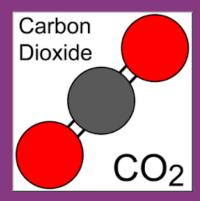


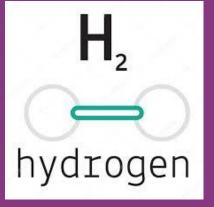


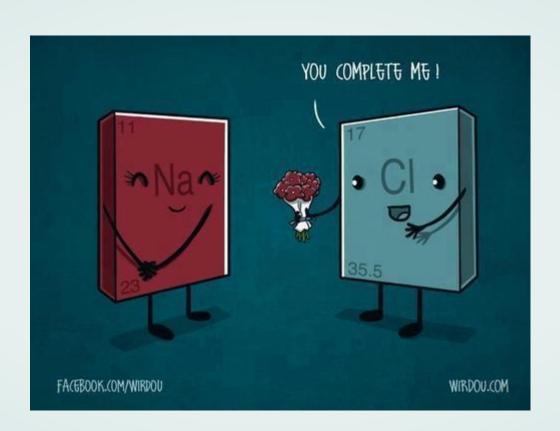
Molecule - The smallest particle of a substance that retains all the properties of that substance and is made of one or more atoms



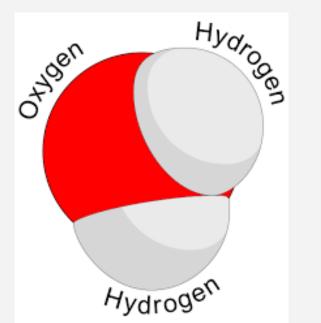










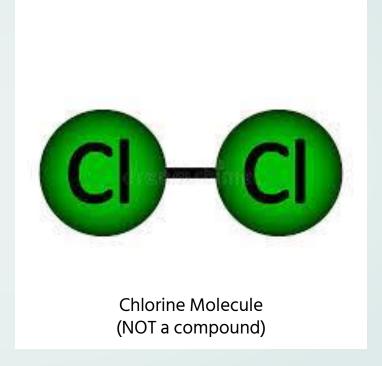


Oxygen Compound



Compound - A substance formed when two or more elements are chemically bonded together in a specific ratio

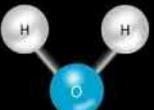
All compounds are molecules BUT not all molecules are compounds













Make Fun Atoms and Molecules!

Build an Atom <u>here</u>

Build a Molecule here

See Molecule Shapes <u>here</u>



Want to learn more about atoms?





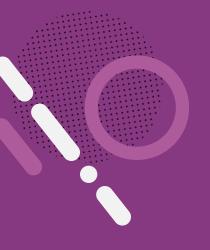
Items for Tomorrow

Food article type things that have different colors or shapes











Put all of the same colored items or shapes together

This is an element







Now make a molecule of two of the same items



Now the fun part!



Now create some molecules!

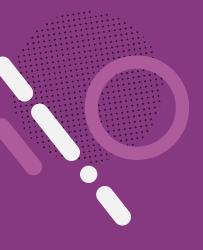
You are going to be put into groups. Your job is to research molecules and make them with your items.

You should research in the molecules posted in Google Classroom and create five different molecules.

Questions on what to do?





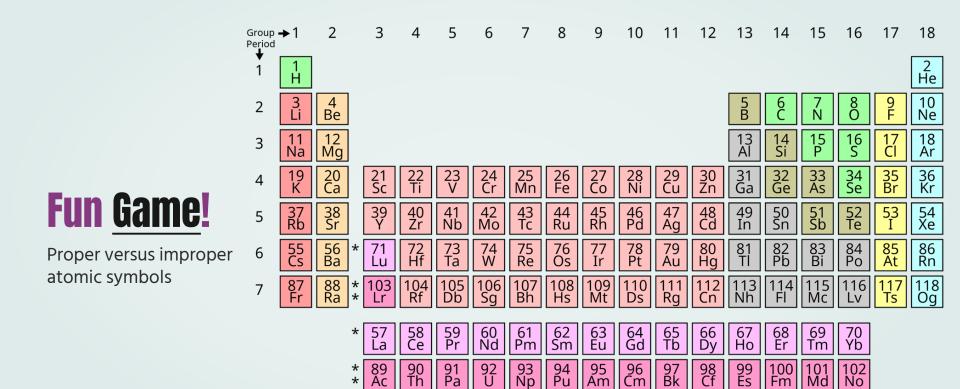


How are models accurate and not accurate?



Now you can eat your molecules!







Done early

Have more time? Check out this website to create more molecules!

