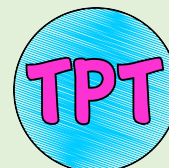


CLASSIFICATION OF MATTER *Foldable*

Frayer Model Format



CONNECT



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TERMS OF USE:

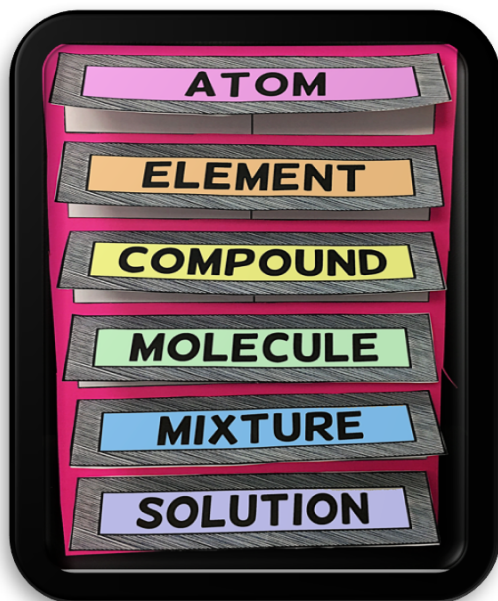
THANK YOU!

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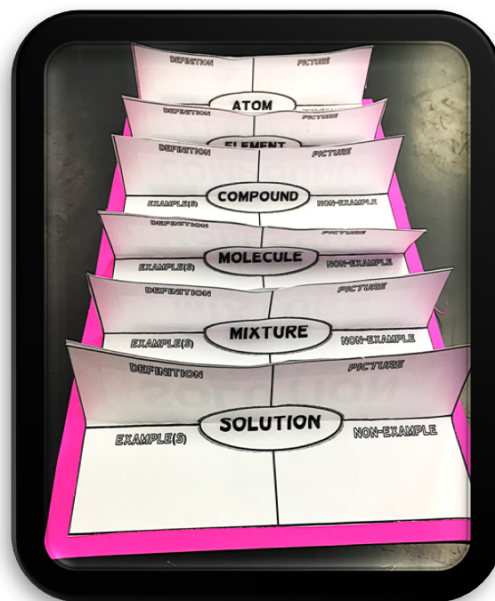
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HOW TO CREATE THE FOLDABLE

1. Color the outside of the labels
2. Cut out all of the Frayer models and the rectangular labels
3. Fold the Frayer models in half, hotdog style, on the middle horizontal line
4. Glue the labels (atom, element, compound, etc.) on the top of the corresponding Frayer model rectangle
5. Layout all of the pieces on an 8.5 x 11 paper, making sure the pieces are evenly spaced and that they are in the appropriate order.
6. Glue the lower half of each Frayer model to your paper so that the flaps open to show your answers
7. The final foldable should look like the images below:

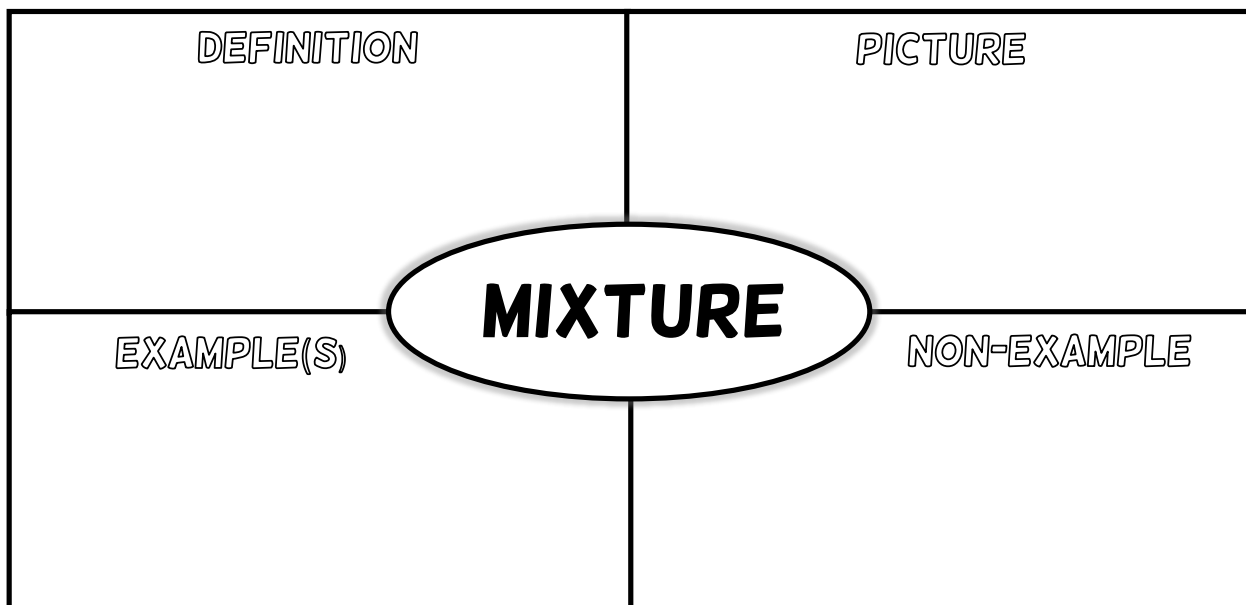
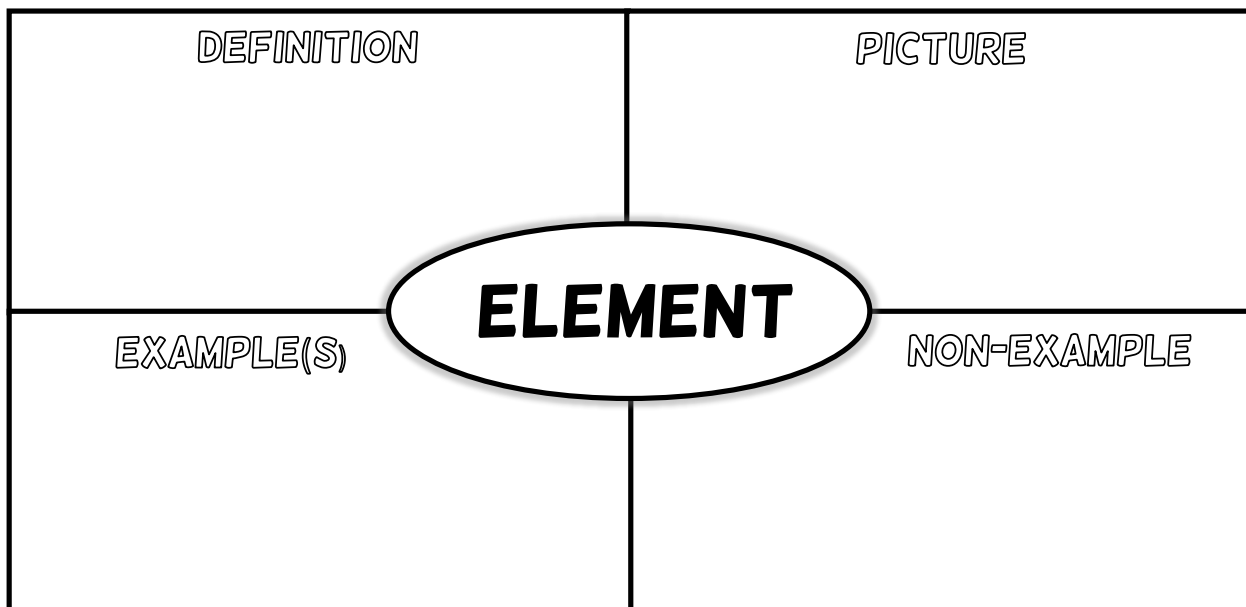
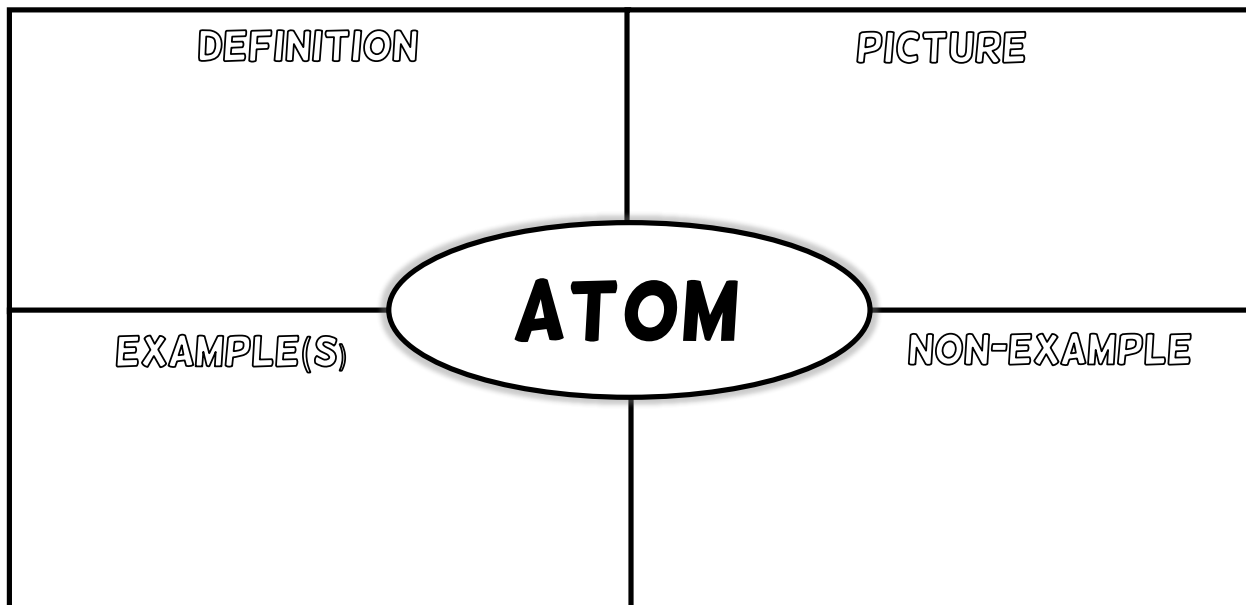


CLOSED FOLDABLE



OPEN FOLDABLE

Directions: Cut out each Frayer model and fold hot-dog style on the center, horizontal line. Lay-out all of the folded tabs onto your paper. All six tabs should fit on one page. Place glue onto the back of the boxes (only on the lower half, behind the example/non-example labels. Glue all six tabs to notebook. Cutout and glue the labels provided onto the outside of each flap.



DEFINITION	COMPOUND		PICTURE
EXAMPLE(S)			NON-EXAMPLE

DEFINITION	MOLECULE		PICTURE
EXAMPLE(S)			NON-EXAMPLE

DEFINITION	SOLUTION		PICTURE
EXAMPLE(S)			NON-EXAMPLE

ATOM

ELEMENT

MIXTURE

COMPOUND

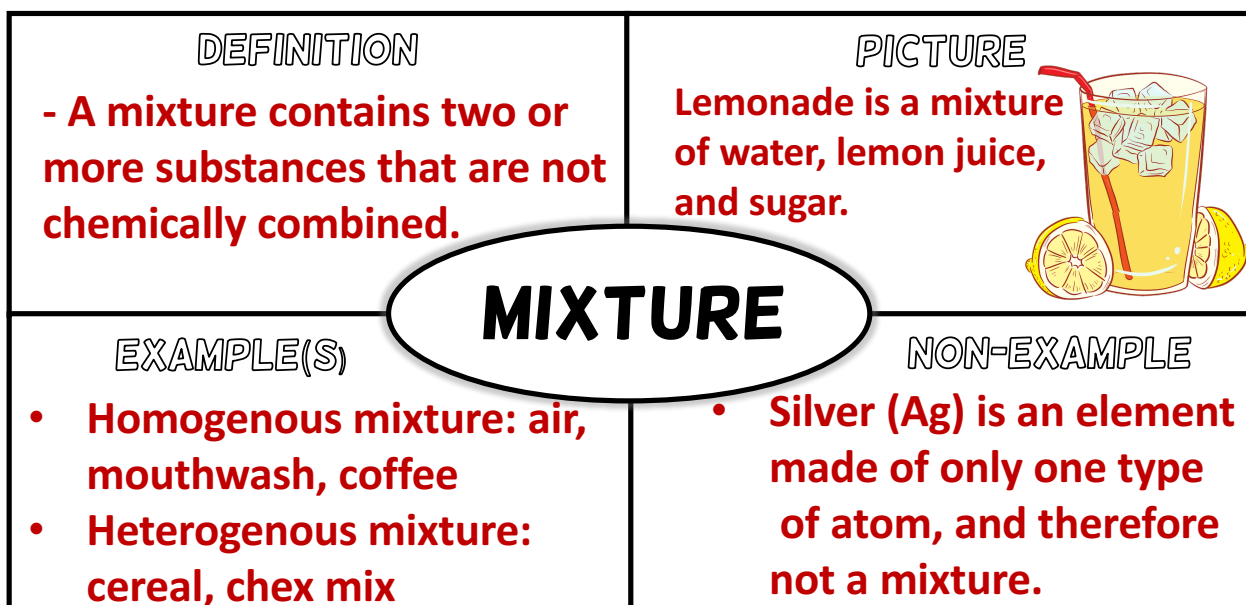
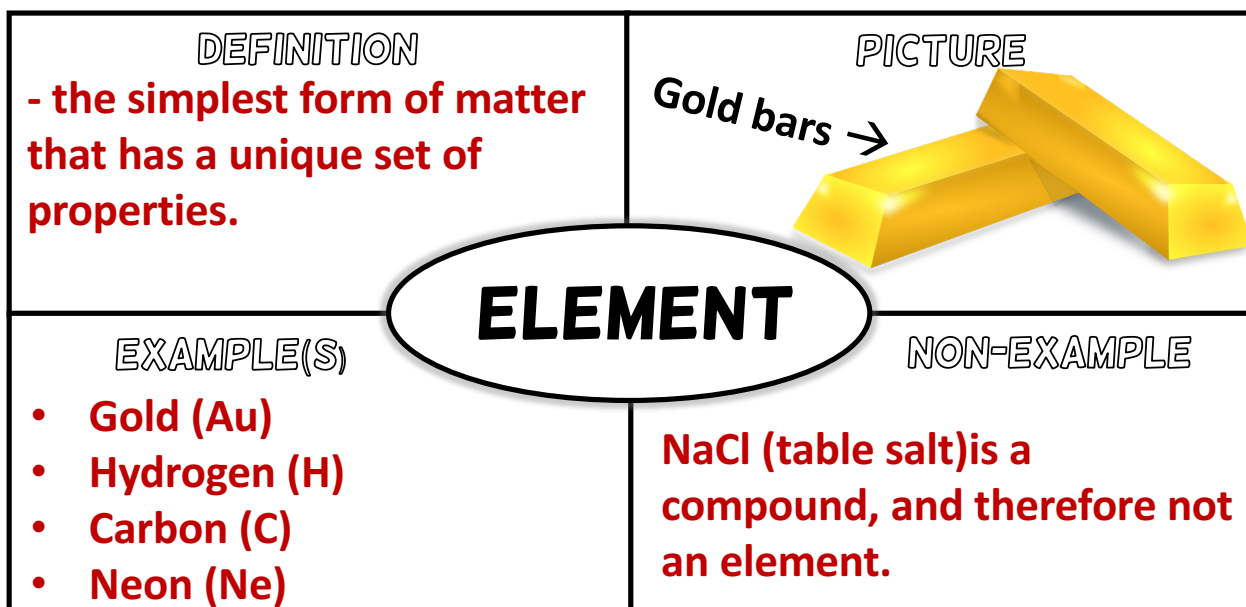
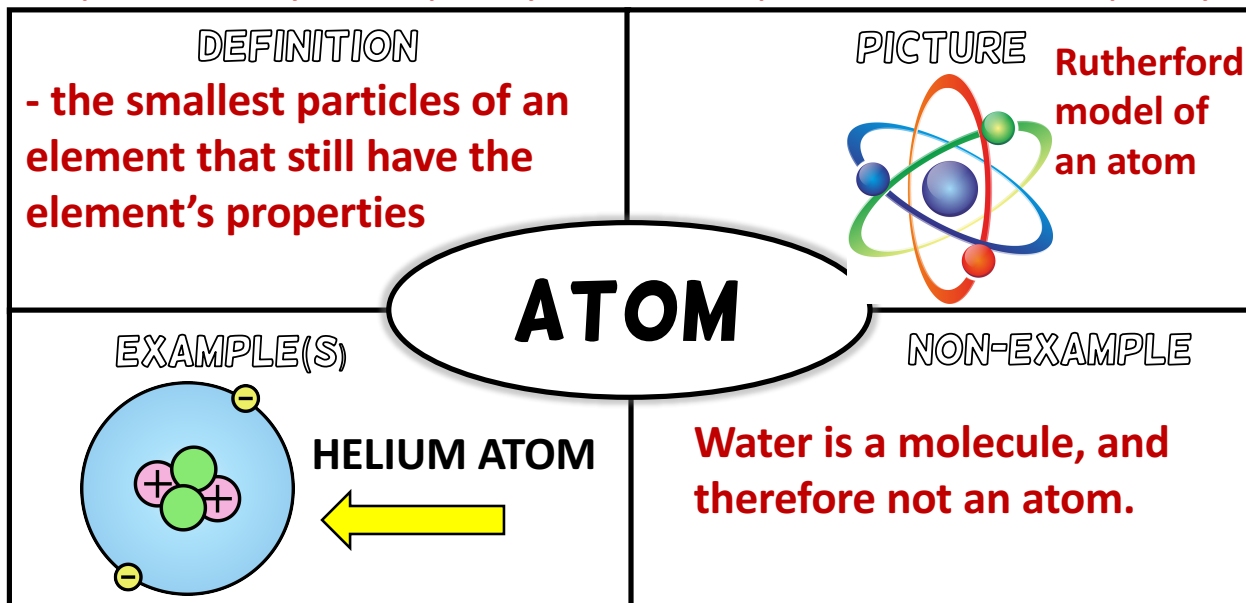
MOLECULE


SOLUTION


KEY

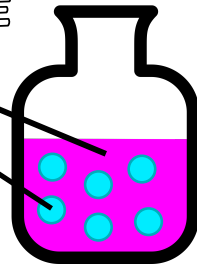
Answers will vary, but here is an example of the completed Frayer models. The students should draw their pictures. This key shows clipart so you have an example of what students could possibly draw.

Directions: Cut out each square and fold hot-dog style on the center, horizontal line. Lay-out all of the folded squares onto your paper. All six tabs should fit on one page. Place glue onto the back of the boxes (only on the lower half, behind the example/non-example labels. Glue all six tabs to notebook. Cutout and glue the labels provided onto the outside of each flap.



<p>DEFINITION</p> <p>- a substance formed when two or more elements are bonded together.</p>	<p>PICTURE</p> <p>$\text{NaCl} \rightarrow$ </p>
<p>COMPOUND</p>	
<p>EXAMPLE(S)</p> <ul style="list-style-type: none"> H_2O CaCl NaHCO_3 AgBrO_3 	<p>NON-EXAMPLE</p> <ul style="list-style-type: none"> Not all molecules are compounds. O_3 (ozone) is a molecule but not a compound.

<p>DEFINITION</p> <p>- the smallest identifiable units of chemical compounds.</p>	<p>PICTURE</p> 
<p>MOLECULE</p>	
<p>EXAMPLE(S)</p> <ul style="list-style-type: none"> H_2O N_2 CH_4 O_3 	<p>NON-EXAMPLE</p> <ul style="list-style-type: none"> The element Sulfur (S) is not a molecule.

<p>DEFINITION</p> <p>- a homogenous mixture of one or more solutes dissolved in a solvent.</p>	<p>PICTURE</p> <p>Solvent</p> <p>Solute</p> 
<p>SOLUTION</p>	
<p>EXAMPLE(S)</p> <ul style="list-style-type: none"> Salt (solute) dissolved in water (solvent). 	<p>NON-EXAMPLE</p> <ul style="list-style-type: none"> A heterogeneous mixture such as a salad.

HELPFUL HINTS

You can use this product in many different ways. Here are a few examples/suggestions of how to use the foldable.

-Students fill out the information for each Frayer Model by conducting their own research using the internet. Or, you can provide students with a science article, or textbook, that supplies the basic information they need. If you do not have a resource for this, I recommend the the science buddies website.

Here is a link:

<http://www.ck12.org/student/>

-The non-examples are always the toughest for students to figure out because they cannot just google the answer. I love the fact that they have to actually APPLY KNOWLEDGE! However, sometimes students will try to take the easy way out and just repeat the other vocab words that are displayed on the foldable. For example, they might write "solution" under the non-example for molecule. I would not give any points for this. Instead, require students to explain *why* it is a non-example.

-If you have never implemented Frayer Models before, I recommend modeling the appropriate way to fill one out so that they can see how it should be done. You could work the first vocabulary word as a class and then have them complete the rest on their own or even with a partner or as a group activity.

I hope this product has been helpful. Please don't forget to review this product. You will earn TPT credits which will add up to a discount on your future TPT purchases. If you are not fully satisfied, or if you have further questions/suggestions, please ask in the question section of my TPT account prior to reviewing. I am always happy to improve on each product I create 😊

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