

Building Blocks of Matter

Directions:

Elements

Each LEGO® block represents one atom.

1. Remove the LEGOS® from the bag.
2. Sort the LEGOS® by color. Each color is a different element.
3. Using boxes to represent the LEGOS®, draw and color the atoms for each of the 6 elements.

Molecules

A molecule has to have 2 or more atoms (they can be the same or different)

1. Remember each LEGO® block represents one atom.
2. Using the atoms, create at least 3 different molecules. Draw and color the molecules.

Compounds

A compound has to have 2 or more different elements bonded together.

1. Using the elements, create at least 3 different compounds.
2. Draw and color the compounds.



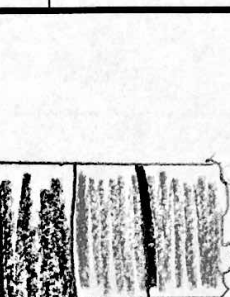
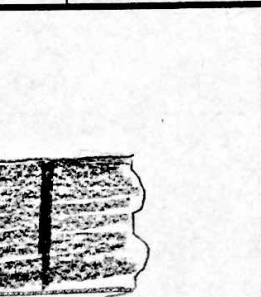
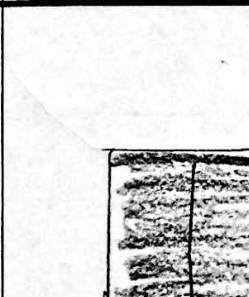

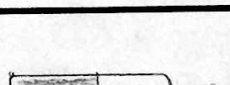
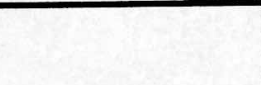
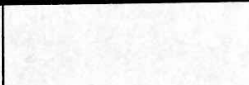



Mixtures

Mixtures are not chemically bonded, they are just physically mixed together.

1. Create a mixture of at least two different elements. Draw and color the element mixture.
2. Create a mixture of elements and compounds. Draw and color the element and compound mixture.

Lesson Adapted From:

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5th grade science
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<u>Elements</u>	<u>Molecules</u>	<u>Compounds</u>	<u>Mixtures</u> (element mixture)
 <p>light green</p>  <p>Blue</p>			
			
			<p>Elements and Compounds Mixture</p> 