Elements, Compounds, and Mixtures Activating Strategy

Directions:

- Make copies of the Substance Pictures for groups of 2-3 in each class period
- Cut out the Substance Pictures and place them in baggies or envelopes for groups
- Groups will be asked to take the Substance Pictures and form three groups. A group for Elements, Compounds, and Mixtures.
- Make sure students understand that this is an activating strategy so they may or may not already know all the information. They are to make their best guess as long as they can justify their grouping methods.
- Once finished, have groups share some of their thoughts with other groups about the activity. You may or may not want to go over answers, but you need to discuss as a class some of the differences they noticed in the Substances
- By the end of the lesson on Element, Compounds, and Mixtures, students should be able to do this activity again.

Substance Pictures

1. 
2. 
3. 
4. 
5. 
6. 
7. 
8. 
9. 
10. 
11. 
12. 
13.
1. Element
2. Compound
3. Compound
4. Element
5. Mixture (of two elements)
6. Mixture (of a compound and an element)
7. Mixture (of a compound and an element)
8. Mixture (of two compounds)
9. Mixture (of element atoms and molecules)
10. Mixture (element and compound)
11. Mixture (compound and element)
12. Mixture (compound and element)
13. Mixture (of two elements)