

#### **IV. Appendixes of Resources**

- A. Pre-Test
- B. Post-Test

#### **Quiz**

1. What is your experience with the Periodic Table?
  - A) What is a Periodic Table?
  - B) I think I've seen one.
  - C) I have used one before.
  - D) I am confident that I fully understand the significance of the Periodic Table.
  
2. What is a Periodic Table?
  - A) A list of random elements
  - B) A chart of all known elements
  - C) An arrangement of elements based on increasing atomic number
  - D) An arrangement of elements based on atomic number and reactivity
  
3. The Periodic Table is organized by:
  - A) Atomic Size
  - B) Atomic Weight
  - C) Reactivity
  - D) Color
  - E) Metals and Non-metals
  
4. Elements are in groups based on:
  - A) their atomic size.
  - B) their number of protons.
  - C) their similar reactivities.
  - D) their relative color.
  - E) the size of their electrons.
  
5. What other elements would react similarly to O?
  - A) Se
  - B) Po
  - C) S
  - D) Te
  - E) All of the above
  
6. Which of the following elements would not combine to make a compound with Magnesium?
  - A) F
  - B) Ca
  - C) Cl
  - D) O

7. The correct chemical formula for Calcium chloride would be?
- A) CaCl
  - B) CaCl<sub>2</sub>
  - C) CaCl<sub>3</sub>
  - D) CaCl<sub>4</sub>
  - E) That can not be determined from the information given
8. If you combined potassium with chlorine, how many potassium atoms would you need to combine with each atom of chlorine?
- A) 1
  - B) 2
  - C) 3
  - D) 4
  - E) 5
9. The correct chemical formula for Beryllium oxide would be:
- A) Be
  - B) BeO
  - C) BeO<sub>2</sub>
  - D) Be<sub>2</sub>O
  - E) Be<sub>2</sub>O<sub>3</sub>