

## Mission C: The Periodic Table

### Open Book Quiz: The Periodic Table

Mrs. Côté

Name: \_\_\_\_\_

Science 9

**Directions:** Please fill in the following blanks using the information you already know about the periodic table.

1. Who discovered (created) the periodic table? \_\_\_\_\_
2. The periodic table is arranged according to the element's \_\_\_\_\_ and \_\_\_\_\_ properties.
3. The vertical columns on the periodic table are called \_\_\_\_\_.
4. The horizontal rows on the periodic table are called \_\_\_\_\_.
5. Most of the elements in the periodic table are classified as \_\_\_\_\_.
6. The elements that touch the zigzag line are classified as \_\_\_\_\_.
7. The elements in the far upper right corner are classified as \_\_\_\_\_.
8. Elements in the first group have one outer shell electron and are extremely reactive. They are called \_\_\_\_\_.
9. Elements in the second group have 2 outer shell electrons and are also very reactive. They are called \_\_\_\_\_.
10. Elements in group 3 through 12 have many useful properties and are called \_\_\_\_\_.
11. Elements in group 17 are known as "salt formers". They are called \_\_\_\_\_.
12. Elements in group 18 are very unreactive. They are said to be "inert". We call these the \_\_\_\_\_.
13. The elements at the bottom of the table were pulled out to keep the table from becoming too long. The first period at the bottom called the \_\_\_\_\_.
14. The second period at the bottom of the table is called the \_\_\_\_\_.

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