

## The Periodic Table on the Internet

[www.chem4kids.com](http://www.chem4kids.com)

Welcome to Chem4kids! You will search this site to answer questions about the periodic table and an assigned element.

1. What is an **Element**? \_\_\_\_\_  
\_\_\_\_\_
2. On the periodic table, what are the **rows** called? What do they all have in common? \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
3. What is a **shell**? \_\_\_\_\_  
\_\_\_\_\_
4. What are the **columns** called? What do they all have in common? \_\_\_\_\_  
\_\_\_\_\_
5. What is an **atom**? \_\_\_\_\_  
\_\_\_\_\_
6. What is a **nucleus**? \_\_\_\_\_  
\_\_\_\_\_
7. Define **Atomic Number** : \_\_\_\_\_  
\_\_\_\_\_
8. Define **Atomic Mass** : \_\_\_\_\_  
\_\_\_\_\_

My assigned element is \_\_\_\_\_

Can you figure out how to say your element? You can also **HEAR** how to say your element. A brief **description** of your element : \_\_\_\_\_

\_\_\_\_\_

1. **Who** found your element? \_\_\_\_\_
2. **When** did they find it? \_\_\_\_\_

**In the upper left hand corner of the Element Page there is a menu with the choices: "Say it", "Shell Info", "See it", or "Bond with it" to answer these questions:**

1. What is your element's atomic number? \_\_\_\_\_
2. How many Electrons do you have? \_\_\_\_\_
3. How many Protons do you have? \_\_\_\_\_
4. What is your atomic mass? \_\_\_\_\_
5. How many Neutrons do you have: (**Atomic Mass - Atomic Number**) = \_\_\_\_\_
6. List all the ways your element is used: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Draw** the Bohr diagram of the shells. **Label** the Electrons and Nucleus.

