

# **CHEMISTRY EVENT – “ Who Am I’s ”**

**ALL ANSWERS MUST BE LEGIBLE ON YOUR ANSWER SHEET!!!**

**A periodic table will be provided for each team.**

**Students will NOT be allowed to bring their own periodic table or any references.**

**Students will be asked to use their knowledge of the arrangement of the modern periodic table in terms of sublevels. As well, students will be tested on their knowledge of the periodic trends of elements (atomic radii, ionic size, ionization energy, electronegativity, electron affinity, electron configurations)**

**The questions will also involve the general properties of elements such as whether they are a solid, liquid, gas at room temperature, or perhaps their common color, etc.**

**Examples:**

I am the larger metalloid in the fourth period. \_\_\_\_\_

I am the element with the greatest ionization energy in family of the alkaline earth metals. \_\_\_\_\_

Please feel free to email should you have any questions.

**tlowthers@gloucester.k12.ma.us**