1. Go to [www.acs.org](http://www.acs.org)

APPLICATION ACTIVITY:

1. Go to [www.sciencegeek.net](http://www.sciencegeek.net)
2. Click “Chemistry Review”
3. Click “Periodic Trends – Unit 2 Benchmark 2”
4. Complete the 30 question application quiz
5. In the search type INTERACTIVE PERIODIC TABLE
6. Click on “Periodic Table of Elements”
7. Select Interactive Periodic Table

Complete the chart below by clicking on the element indicated and

recording the requested information:

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Alkali Metal** | | | | **Alkaline Earth Metals** | | | | **Halogens** | | | | **Nobel Gases** | | | |
| Li |  |  |  | Be |  |  |  | F |  |  |  | He |  |  |  |
| Na |  |  |  | Mg |  |  |  | Cl |  |  |  | Ne |  |  |  |
| K |  |  |  | Ca |  |  |  | Br |  |  |  | Ar |  |  |  |
| Fr |  |  |  | Ra |  |  |  | At |  |  |  | Rn |  |  |  |
|  | **ATOMIC RADIUS** | **IONIZATION ENERGY (1)** | **ELECTRO-NEGATIVITY** |  | **ATOMIC RADIUS** | **IONIZATION ENERGY (1)** | **ELECTRO-NEGATIVITY** |  | **ATOMIC RADIUS** | **IONIZATION ENERGY (1)** | **ELECTRO-NEGATIVITY** |  | **ATOMIC RADIUS** | **IONIZATION ENERGY (1)** | **ELECTRO-NEGATIVITY** |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **PERIODIC TREND** | **DEFINE THE TERM** | **WHAT IS THE TREND ACROSS PERIODS?** | **WHAT IS THE TREND DOWN GROUPS?** | **WHAT IS THE**  **“ANCHOR ELEMENT”**  **(HAS GREATEST VALUE)?** |
| **ATOMIC RADIUS** |  |  |  |  |
| **IONIZATION ENERGY** |  |  |  |  |
| **ELECTRONEGATIVITY** |  |  |  |  |