**Escape from Quarantine**

**by using the**

**Pandemic Periodic Table**

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| **1****Q****Quarantine****1.0** |  |  |  |  |  |  | **2****Co****Covid****2.1** |
| **3****Cr****Corona****4.7** | **4****V****Virus****6.9** | **5****N****Nineteen****8.7** | **6****B****Bored****10.0** | **7****S****Social****14.3** | **8****D****Distancing****17.2** | **9****Fm****FaceMask****19.9** | **10****W****WashHands****21.0** |

Use the Pandemic Periodic Table to complete the following questions from each unit this year**.**

**YOU ARE COMPETING AGAINST OTHER CHEMISTRY STUDENTS!**

****Top students will win a “quarantine gift” that will be shipped to your house by Mrs. H from… . You will have 3 attempts where you may have Mrs. H check your work. By checking your work, you may learn information that may help you to answer more questions. However, don’t waste a “check” because you only get 3.

On your mark. Get set.

 **Go!**

**Place your answers into the boxes below. Mrs. H will check them for you up to 3 times. Answers are final on the 3rd check.**

**Unit 1: Matter and its Properties**

|  |  |  |
| --- | --- | --- |
| **1.** | **3.** | **4.** |
| **2.** \_\_\_\_ 6 cm \_\_\_ yellow \_\_\_ density 2.5 g/ml \_\_\_ oval \_\_\_ solid \_\_\_\_ melting at 340’C |
| **5**. \_\_\_\_ Co \_\_\_ QFm & VD \_\_\_ D \_\_\_ Cr2D \_\_\_ NFm3 & Cr & VD \_\_\_\_ B2D4 |
| **6**. \_\_\_\_ Co \_\_\_ QFm & VD \_\_\_ D \_\_\_ Cr2D \_\_\_ NFm3 & Cr & VD \_\_\_\_ B2D4 |

**Unit 2: Atomic Structure and Nuclear:**

|  |  |  |  |
| --- | --- | --- | --- |
| **1.** | **2.** | **3.** | **4.** |
| **5.** | **6.** | **7.**  |
| **8.** | **9.** | **10.** |  |

**Unit 3: Periodic Trends**

|  |  |  |  |
| --- | --- | --- | --- |
| **1.** | **2.** | **3.** | **4.** |
| **5.** | **6.** | **7.**  | **8.** |
| **9.** | **10.** |  |  |

**Unit 4: Ionic Molecules**

|  |  |  |  |
| --- | --- | --- | --- |
| **1.** | **2.** | **3.** | **4.** |
| **5.** | **6.** | **7.**  |  |
| **8. 2 Elements Used** | **Formula** | **Name -**might be… | **Dot Diagram** |
|  |  |  |  |
|  |  |  |  |

**Unit 5: Covalent Molecules**

|  |
| --- |
| **1.** |
| **2.**  |
| **3. Two elements Used** | **Formula** | **Name -**might be… |
| 3A |  |  |
| 3B |  |  |
| 3C |  |  |
| **4.** | **5.** |
| **6.** **Fm****Fm B Fm** **Fm** | **7.****Make:****Break:** |

**Unit 6: Chemical Reactions**

|  |  |
| --- | --- |
| **1.** | **2.** |
| **3.** |
| **4.** | **6.** |
| **6.** |  |
| **7.** | **8.** |
| **9.** |
| **10.** |  |

**Unit 7: The Mole**

|  |  |
| --- | --- |
| **1.** | **2.**? ? ? |
| **3.** | **4.** |
| **5.** | **6.** |

Once you have answered all you can, send your copy to Mrs. H in an email to mhoffart@mchs.net to be checked.

You have a total of 3 times to check your work and assess which questions you have ***FINISHED***……

**Remember to use your checks wisely.**