**MON. Objective:** We will explore the structure of the Periodic Table.

(6/24)**Product:**  I will locate elements using group and period numbers.

**Exam or Quizzes**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Homework**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**TUE. Objective:** We will continue to explore the structure and layout of the Periodic Table.

(6/25) **Product:**  I will use valence electrons to predict the outcome of the octet rule.

**Exam or Quizzes**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Homework**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**WED. Objective:** We will explain the different periodic trends.

(6/26)**Product:**  I will use the Periodic Table to predict the behaviour of different elements.

**Exam or Quizzes**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Homework**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**THUR. Objective:** We will review and take our Exam over the Periodic Table.

(6/27)**Product:**  I will pass Exam #2: Periodic Table.

**Exam or Quizzes**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ **Homework**: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**FRI. NO SCHOOL**

(6/28)

**Grades Received This Week:**

**\_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_ \_\_\_\_\_**

**Parent Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Student Signature: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Overall Grade**

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

**CTS - S1W2**

**Period: \_\_\_\_\_ Unit: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Grade for this Assignment: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

Directions: *This sheet (front and back) is to be completed daily at the beginning of class within the first 5 minutes, signed Thursday night by a parent, and turned in every Monday.*

*Use your notes, vocabulary, and reference materials to answer the questions below.*

#1

***#16 What element is found in group 6, period 3?***

***#17 Iron, Fe, would be found in which group and period?***

#2

*\_\_\_\_\_*

***#18 Are most families found in groups or periods? WHY?***

#3

*\_\_\_\_\_*

***#19 Which family occupies group 17?***

#4

*\_\_\_\_\_*

***#20 Elements in group 15 will form ions with a charge of \_\_\_\_ due to the octet rule. WHY?***

#5

#6

*\_*

***#21 Why do metals give electrons and non-metals take?***

*\_\_*

***#22 Give the following values for Fluorine, F:***

#7

***p / n / e / group / period / family / valence / charge / metal?***

***#23 Give the following values for Argon, Ar:***

#8

***p / n / e / group / period / family / valence / charge / metal?***