**Social Studies Lesson Plans – Mr. Cain**

**Week of October 30, 2017 to November 3, 2017**

**Monday: Creation of Complex Elements**

Objectives: Students will be able to: 1.) Describe what happens in the death of a star, and how that results in the creation of chemical elements, 2.) Explain why some elements are formed during the life of a star, like helium and carbon and others, like silver, are not, and 3.) Describe how the death of a star is connected to your immediate surroundings.

Activities: Small group completion of “Is it in there” activity, individual completion of “Threshold 3: New Chemical Elements” video graphic organizer, individual completion of “What did stars give us” video graphic organizer, small group research on a specific chemical element.

Text/Materials: “Is it in there” activity sheet, “Threshold 3: New Chemical Elements” video graphic organizer, “What did stars give us” video graphic organizer, Chemical Element Research Page

Assessment: Monitoring of students’ classwork and participation.

Homework: None

**Tuesday/: Chemical Element Facebook Profile Page Project**

**Wednesday**

Objectives: Students will be able to: 1.) Identify and describe various physical and chemical properties of a specific chemical element, 2.) explain how the element was discovered and how it impacts human life today, and 3.) connect this element back to Threshold 3: New Chemical Elements.

Activities: Small group creation of a Facebook Profile Page for a specific chemical element.

Text/Materials: Chemical Element Facebook Profile Page Project Instructions, Chemical Element Facebook Profile Page Template

Assessment: Monitoring of students’ classwork and participation.

Homework: Complete the Chemical Element Facebook Profile Page Project.

**Thursday: Introduction to Unit #4 Vocabulary**

Objectives: Students will be able to: 1.) identify and describe the major vocabulary terms of unit #4, and 2.) create a crossword puzzle for the major vocabulary terms of unit #4.

Activities: Small group/individual completion of the Unit #4 Vocabulary Worksheet, individual creation of Unit #4 Vocabulary Puzzle.

Text/Materials: Big History Project Glossary, Unit #4 Vocabulary Worksheet, Unit #4 Vocabulary Puzzle Instructions.

Assessment: Monitoring of students’ classwork and participation.

Homework: Completion of Unit #4 Puzzle and Unit #4 Vocabulary Challenge.

**Friday: Spurlock Museum Presentation (Water)**