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

**Week of October 15, 2018 to October 19, 2018**

**Monday: The Big Bang**

Objectives: Students will be able to: 1.) Identify the raw materials that were created in the Big Bang and explain why they are important, 2.)Explain why the Big Bang is the beginning of the Big History story, and 3.)Explain the basics of the Big Bang theory.

Activities: Whole group view and discussion of A Big History of Everything: The Big Bang, Threshold 1: The Big Bang, Questions About the Big Bang, Electromagnetism, and Jacqueline Howard Presents: Looking into the Past.

Text/Materials: The Big Bang: Everything You Ever Wanted to Know Video Questions, Video Clips from A Big History of Everything: The Big Bang, Threshold 1: The Big Bang, Questions About the Big Bang, Electromagnetism, and Jacqueline Howard Presents: Looking into the Past.

Assessment: Monitoring of students’ classwork and participation.

Homework: None

**Tuesday: The Big Bang Inforgraphic Poster Project**

Objectives: Students will be able to: 1.) Identify the raw materials that were created in the Big Bang and explain why they are important, 2.)Explain why the Big Bang is the beginning of the Big History story, and 3.)Explain the basics of the Big Bang theory.

Activities: Individual/small group completion of an Inforgraphic Poster that explains the key aspects of the Big Bang Theory.

Text/Materials: Big Bang Inforgraphic Poster Project Instructions, Construction Paper, The Big Bang: Everything You Ever Wanted to Know Video Questions/Notes.

Assessment: Monitoring of students’ classwork and participation.

Homework: Completion of the Big Bang Inforgraphic Poster Project.

**Wednesday: The Big Bang Part 2**

Objectives: Students will be able to: 1.) identify and explain the basics of the Big Bang Theory, 2.)Explain why the Big Bang is the first Threshold of Increasing Complexity, and 3.)Create a Foldable that explains the main components of the first Threshold of Increasing Complexity.

Activities: Whole group completion of the Crash Crouse: The Big Bang Video Questions, small group completion of the Unit 2 DQ Notebook Question, and individual completion of the Threshold 1 Foldable Mini-Project.

Text/Materials: Crash Course: The Big Bang Video Questions, Unit 2 DQ Notebook Graphic Organizer, and Threshold 1 Foldable Mini-Project Instructions.

Assessment: Monitoring of students’ classwork and participation.

Homework: Completion of the Threshold 1 Foldable Mini-Project.

**Thursday/: How Did Our Understanding of the Universe Change?**

**Friday**

Major Objective: Students will be able to: 1.) describe and explain how views of the Universe have changed over time, 2.) explain how an evolution of ideas can lead to a scientific revolution, and 3.) provide some examples of scientific revolutions.

Activities: Small group Gallery Walk of Changing Views of the Universe Readings (Ptolemy, Galileo, Copernicus, Newton, Leavitt, and Hubble), small group completion/presentation of the How Our View of the Universe Has Changed Graphic Organizer, small group completion of The Cube of Change Mini-Project.

Text/Materials: Changing Views of the Universe Readings, How Our View of the Universe Has Changed Graphic Organizer, Cube of Change Mini-Project.

Assessment: Monitoring of students’ classwork and participation.

Homework: Cube of Change Mini-Project