**Haynes Bridge Middle School Syllabus Outline**

 **(First & Second Semesters 2012-2013)**

 **Teacher:** Scott Greb **Course Title:** Science **Date:** 8/2012

(6th Grade Curriculum)

 Email: Grebs@fultonschools.org

 Phone calls will be returned during planning or as soon as possible

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*(According to student’s level of ability and IEP)*

**Objectives**

 Expand knowledge of the Earth’s composition and the universe

**Course Description**

Weight/Grading

 Class work: 33.33% Test: 33.33% Participation: 33.33%

**Semester I:**

1. Safety Skills

2. Scientific Inquiry Process

3. Metric System

4. Geology; including the following:

 - Elements, Mixtures, Compounds

 - Mineral Properties

 - Rock Types

 - Constructive and Destructive Forces

 - Topographic Maps

 - Energy Sources

 - Earth History

 - Earth Composition

 5. Hydrology

 - Water Cycle

 - River Systems

 - Fresh Water

 - Ocean Composition/Floor

 - Currents, Tides, and Waves

 - Ocean Life

**Semester II:**

1. Meteorology

 - Atmospheric Gases/Layers

 - Weather Maps and Forecasting

 - Heat Energy

 - Air Pressure, Air Masses, and Winds

 - Moisture in the Air/Clouds

 - Climate

 2. The Universe

 - Planets, Asteroids, Comets, and Meteorites

 - Sun, Moon, and Earth Relationships

 - Origins of the Universe

 - Stars and Star Systems

 - Space Program

 - Space Technology

3. Environmental Concerns

**Resources**

 Teacher prepared assignment and tests

 Unique Learning Systems

 Media Center books

 Other supplemental materials, such as handouts, parallel curriculum texts,

 and study guides will be used as needed

Instructional level with modifications and accommodations provided as

outlined in the Individual Educational Plan (IEP)

**Text: Earth and Space Science (PCI Education)**

**Reference Text: Earth Science (Holt)**