

Name of School:

Name of Course: **6<sup>th</sup> Grade Earth Science**

### **Instructor Information**

**Name:**

**E-mail address:**

**School phone number:**

**Web page address:**

**Best times to be reached:**

### **Course Description**

In sixth grade science, students study the Earth through investigation of the influence living organisms have on the Earth's systems, the structure of solar systems, geologic history of the Earth, and atmospheric forces. This course provides students an opportunity to use scientific equipment, science inquiry, and research current trends in earth science.

### **District Standards and Power Benchmarks**

#### **Standard 1: Understands and applies principles of scientific inquiry**

Benchmark A: Understands how scientific knowledge changes with new evidence

Benchmark B: Uses the scientific method to gather, analyze, and interpret data

Benchmark C: Uses appropriate tools for scientific investigations

Benchmark D: Demonstrates safe handling procedures

#### **Standard 2: Understands and applies principles of earth science**

Benchmark A: Describes the general structure of the solar system, galaxies, and the universe

Benchmark B: Analyzes the geologic and life history of the Earth

Benchmark C: Recognizes the atmospheric forces that affect the Earth's surface

### **Course Information**

This is a one-year course that is required for all sixth grade students. One credit is earned for the completion of this course.

### **Course Outline/Calendar**

Unit 1: Scientific Inquiry (1<sup>st</sup> quarter)

Unit 2: Astronomy (2<sup>nd</sup> quarter)

Unit 3: Geosphere (3<sup>rd</sup> quarter)

Unit 4: Atmosphere (4<sup>th</sup> quarter)

**Text/Other Required Materials/Resources**

Jenner, J.; Kemp, A.C.; Pasachoff, J.M.; Brooks Simons, B.; Wellnitz, T.R.; Wyssession, M. (2005). Science Explorer: Earth Science. Needham, MA: Prentice Hall.

**Instructional Procedures & Support**

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**Classroom Management Procedures**

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**Assessment Plan**

The students are assessed on a point system. In addition to daily work, writing prompts, labs, tests and quizzes, the students are assessed on: Star Life Cycle Booklet, and a Spreadsheet Integration Project.

**Grading System**

92 – 100	A
83 – 91	B
68 – 82	C
60 – 67	D
0 – 59	F