

# **Earth/Space Science Worksheet Answers**

## **Spherical Interactions**

## **Matter and Energy in Earth Systems**

## **Topographic and Geologic Maps**

### **Plate Tectonics 1**

### **Plate Tectonics 2**

### **Plate Tectonics 3**

## **Earth's Internal Structure**

### **Earthquakes**

### **Volcanoes**

### **Mineral Families**

## **Mineral Properties and Identification**

### **The Rock Cycle**

**Intrusive Igneous Rock Formation and Classification**

**Extrusive Igneous Rock Formation and Classification**

**Sedimentary Rock Formation and Classification 1**

**Sedimentary Rock Formation and Classification 2**

**Metamorphic Rock Formation and Classification**

**Energy Resources**

**Mineral Resources**

**Mechanical Weathering**

**Chemical Weathering**

**Wind Action and Deserts**

**Relative Age Dating 1**

**Relative Age Dating 2**

**Absolute Age Dating**

## Fossils

### Geologic Time Scale

#### Precambrian

#### Paleozoic Era

#### Mesozoic Era

#### Cenozoic Era

### The Grand Canyon

## Composition and Structure of Earth's Atmosphere

### Evolution of Earth's Atmosphere

### Humidity, Clouds, and Precipitation

### Wind, Air Masses, and Fronts

### Circulation of the Atmosphere/Currents

### Storms/Severe Weather

**Weather Forecasting**

**Climate**

**Streams and Drainage Systems**

**Groundwater and Caves**

**Ocean Water**

**Surface Currents**

**Deep Currents**

**Ocean Basins**

**Glacial Anatomy and Movement**

**Glacial Deposits and Landforms**

**Ice Ages**

**Basic Astronomical Navigation**

**Astronomical Measurements**

## Astronomy Through Time

### Formation and History of the Solar System

#### Earth - A Terrestrial Planet

#### Formation and History of the Moon

#### Earth-Moon-Sun System

#### Mercury and Venus

#### Mars

#### Asteroids and Meteoroids

#### Jupiter and Saturn

#### Uranus and Neptune

#### Comets

### The Sun - A Main Sequence Star

#### Star Formation

**Types of Stars**

**Black Holes**

**Hertzsprung-Russell Diagram**

**Classification of Galaxies**

**Milky Way Galaxy**

**Cosmology**

**Space Exploration**