

6th Grade Earth Science
1st Semester

| CONTENT | DATE |
|---|-------------------------|
| INTRODUCTION TO EARTH SCIENCE/ LAB SAFETY | August 6-7 |
| ROCKS AND MINERALS | August 10-28 |
| <ul style="list-style-type: none">• Course Overview• Earth's Surface• Earth's Rocks• Kinds of Rocks• Fossils• Fossil Formation: Location• Identifying Rocks• Project: Rocks and Minerals• The Rock Cycle• Mountains• Project: Geologic Map• Reading Fossils: Difficulties• Fossil Formation• Special Project | |
| INSIDE THE EARTH | August 31-September 18 |
| <ul style="list-style-type: none">• The Lithosphere• Internal Structure• Layers of the Earth (Part 1)• Layers of the Earth (Part 2)• Igneous Structures• The Earth: Changes in the Earth• Plate Tectonics• Forces From Under the Surface (Part 1)• Forces From Under the Surface (Part 2)• Special Project | |
| WEATHERING AND EROSION | September 21-October 23 |
| <ul style="list-style-type: none">• Earth Changes• Surface Forces (Part 1)• Constructive Forces• Erosion and Sediment• Surface Forces (Part 2)• Destructive Forces• Results of Forces• Living Things• Experiment: Erosion• Special Project | |

6th Grade Earth Science
1st Semester (Cont.)

CONTENT

DATE

WATER IN EARTH'S PROCESSES

October 26-December 11

- Oceans
- Other Natural Cycles: Water Cycle
- The Hydrosphere
- Water Cycle
- Groundwater
- Project: Water Cycle
- Air and Water Pollution
- Other Natural Cycles: Life
- Special Project

REVIEW AND EXAMS

December 14 - 18

6th Grade Earth Science
2nd Semester

CONTENT

DATE

CLIMATE AND WEATHER

January 4-February 26

- Earth's Rotation
- Earth's Revolution
- Effects of the Sun
- Weather
- Measuring Weather
- Solar Radiation
- Atmospheric Gases
- Atmospheric Layers
- Natural Disasters
- Special Project

EARTH, MOON, AND SUN

March 1-March 26

- Other Natural Cycles: Phases of the Moon
- Eclipses
- Experiment: Making an Eclipse
- Data Collection, Analysis, and Communication
- Other Natural Cycles: Seasons
- Experiment: Shadows
- Time
- Special Project

UNIVERSE AND SOLAR SYSTEM

April 5-April 30

- Observation and Questioning
- Earth's Shape
- Experiment: Earth's Shape
- Our Solar System
- Project: Planets
- Science and Technology
- The Atmosphere at Work
- Asteroids, Comets, and Meteors
- Special Project

6th Grade Earth Science
2nd Semester (Cont.)

| CONTENT | DATE |
|--|-------------|
| HUMAN IMPACT <ul style="list-style-type: none">• Energy Sources• Petroleum Uses• Project: Environmental Policies• Energy Transformation• Energy Conservation• Project: Energy Conservation• Project: Climate Change Research• Project: Climate Change Presentation• Special Project | May 3 -14 |
| REVIEW | May 17 - 21 |
| FINAL EXAMS | May 24 - 28 |