

Example of a year-long planning guide used by a first-year Earth Science teacher.

September (Scientific Methods and Mapping)

1. Introduction lesson; Nature of Science
2. Scientific Reasoning and Logic
3. Mapping and Imagery
4. Distance Measurement

October (Astronomy)

1. Earth, Sun, Moon System
2. Solar systems and Galaxies
3. Sun, Planets, and Space Program
4. Origin of Universe

November (Geology)

1. Minerals Identification

FIRST QUARTER TEST

2. Mineral Uses
3. Igneous Rocks
4. Sedimentary Rocks
5. Metamorphic Rocks

December (Geology)

1. Physical Provinces of Our State
2. Geologic Processes I
3. Geologic Processes II

January (Geology)

1. Tectonic Processes
2. Fossils
3. Dating Methods

4. Relative and Absolute Dating
SECOND QUARTER TEST

February (Geology and Meteorology)

1. Fossils of Our State
2. Evolution of Atmosphere
3. Atmosphere of Earth and Planets
4. Atmosphere Change

March (Meteorology and Water Cycle)

1. Weather Data and Patterns
2. Severe Weather
3. Factors Affecting Climate
4. Soil and Karst Topography
5. Ground and Freshwater

April (Resources)

1. Water Resource and Watersheds
- THIRD QUARTER TEST
2. Spring Break
 3. Resource Types
 4. Energy Resources

May (Resources and Oceanography)

1. Our State's Resources
2. Using Resources
3. Resources and the Environment
4. Physical and Chemical Oceanography

June (Oceanography)

1. Ocean Systems and Environment

2. Seafloor Features

3. Ocean Economy and Policy

FOURTH QUARTER TEST

FINAL EXAM