

# Earth Science Syllabus Summary

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**Scan this list of topics.** Welcome to Honeycutt Science – Earth Science. The curriculum you will encounter this school year includes a spectrum of life science subject areas. Material for each topic is found at [HoneycuttScience.com](http://HoneycuttScience.com). While scanning the list, recall information you might already know about each topic – then anticipate what new information you might encounter. This exciting journey starts now ...

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|---|---|
| <input type="checkbox"/> Earth 10 Student Expectations              | <input type="checkbox"/> Earth 31 Wind & Waves!                     |
| <input type="checkbox"/> Earth 11 What is Earth Science?            | <input type="checkbox"/> Earth 32 The Atmosphere                    |
| <input type="checkbox"/> Earth 12 Scientific Method and Safety      | <input type="checkbox"/> Earth 33 Erosion, Weather & Climate        |
| <input type="checkbox"/> Earth 13 Connections Across Content        | <input type="checkbox"/> Earth 34 The Life of a River               |
| <input type="checkbox"/> Earth 14 Map Interpretation                | <input type="checkbox"/> Earth 35 Lakes – Natural and Man Made      |
| <input type="checkbox"/> Earth 15 Types of Models                   | <input type="checkbox"/> Earth 36 Big Waters and the Oceans         |
| <input type="checkbox"/> Earth 16 Earth Chemistry                   | <input type="checkbox"/> Earth 37 Ocean Basins                      |
| <input type="checkbox"/> Earth 17 Minerals of the Earth's Crust     | <input type="checkbox"/> Earth 38 Land and Life                     |
| <input type="checkbox"/> Earth 18 Rocks and Rock Types              | <input type="checkbox"/> Earth 39 The Impact of Humans              |
| <input type="checkbox"/> Earth 19 Resources and Energy              | <input type="checkbox"/> Earth 41 Climate Change                    |
| <input type="checkbox"/> Earth 21 The Rock Record                   | <input type="checkbox"/> Earth 42 Our Solar System                  |
| <input type="checkbox"/> Earth 22 Earth's Past                      | <input type="checkbox"/> Earth 43 Deep Space                        |
| <input type="checkbox"/> Earth 23 Plate Tectonics and Today's Earth | <input type="checkbox"/> Earth 44 Outdoors and Nature               |
| <input type="checkbox"/> Earth 24 Deformation of the Crust          | <input type="checkbox"/> Earth 45 Inside Jobs and Knowledge Workers |
| <input type="checkbox"/> Earth 25 Earthquakes Volcanoes & Tsunamis  | <input type="checkbox"/> Earth 46 Research and Investigation        |
| <input type="checkbox"/> Earth 26 Weathering Erosion & Rivers       | <input type="checkbox"/> Earth 47 Student Led Topics                |
| <input type="checkbox"/> Earth 27 Agricultural Resources            |   |
| <input type="checkbox"/> Earth 28 Hydrocarbons and Energy           |   |

Below, find a list of Techniques and Activities which may additionally be covered during this year's curriculum. These too are available for your investigation and review at the Honeycutt Science web site.

### **Use of Diagrams/Models to Convey Science Information**

- ☐ Activity 20 Venn Diagrams & Relationship
- ☐ Activity 21 Hierarchy and Pyramid
- ☐ Activity 22 Process and Cycle
- ☐ Activity 23 Matrix and List

### **Techniques for the General Classroom and Science**

- ☐ Technique 10 How to Read Complex Text
- ☐ Technique 11 How to Summarize Information
- ☐ Technique 12 The Scientific Method
- ☐ Technique 13 21st Century (4Cs)
- ☐ Technique 14 Critical Thinking
- ☐ Technique 15 Creative Concepts
- ☐ Technique 16 Collaboration
- ☐ Technique 17 Communication
- ☐ Technique 18 Lab Safety
- ☐ Technique 19 Lab Procedures
- ☐ Technique 20 Lab Measure and Convert
- ☐ Technique 21 Devise Experiments
- ☐ Technique 22 Data Gathering
- ☐ Technique 23 Graphing and Charting Data
- ☐ Technique 24 Interpret Results
- ☐ Technique 25 Use and Care of Equipment