



Syllabus for *Discovering Science Outdoors*

Lesson One: Observing and Questioning Like a Scientist

Lesson Two: Keeping a Field Notebook

Lesson Three: Exploring the Phases of the Moon

Lesson Four: Studying the Moon and the Sun

Lesson Five: Exploring the Celestial Sphere

Lesson Six: Measuring and Mapping Microclimates

Lesson Seven: Identifying, Describing, and Measuring Clouds

Lesson Eight: Making a Stream Profile and Calculating Discharge

Lesson Nine: Measuring and Monitoring Water Quality

Lesson Ten: Comparing Habitats Outdoors

Lesson Eleven: Observing Animal Behavior

Lesson Twelve: Asking a Geological Question

Lesson Thirteen: Final Research Project