Updated 1/3/2005

Earth Science Teaching Journal
Contents of Each Entry

Introduction
Introduce the topic and related learning activities.

Standards
Place the topic and related activities in the context of the Science Standards for California Public Schools. In particular, identify specific standards from both content and investigation/experimentation for each grade level from K-6 that are addressed by the topic and related learning activities. You might include a table that looks something like this:

Grade Level	Content Standard	Investigation/Experimentation Standard
3	1c, 1f, 3d, 4c	6a, 6d

Authentic Assessments
These are examples of your original coursework (i.e. lecture notes, sketches, investigative results, literature reviews, descriptions of in-class activities, etc.). Number each item and write the Item No. in the upper right-hand corner of the first page. Refer to the items, as needed, using these Item Numbers. For example, "We used grain size to separate the igneous rock samples into two groups: volcanic and plutonic. Item 1 contains the results." [Item 1 is a table you created showing two groups of rocks by name. One group is under the heading Volcanic (glassy or fine-grained). The other group is under the heading Plutonic (coarse-grained).]

Misconceptions
Describing any misconceptions (yours or your students) that might arise in association with the topics covered in the activity, and your strategy for recognizing and addressing them.

Thoughts on Content Integration
Describe a strategy for connecting the topic with topics from other units (i.e. English, Reading, Math, Geography, etc.) Connections with southern California history and geography are particularly easy to find, but don't forget to look for and describe connections to other content areas.

Extensions
Include annotated references for at least two teaching/learning resources (at least one of which must be electronic).

Professional Literature
Include a written review of the paper you were assigned to read. Reviews should be no longer than 1 page single-spaced. Header information should include your name as well as the full reference for the paper. A sample of a well-written review will be provided.