

## Lesson Plan for a Science Class

### *Journaling*

**Topic:** The resurrection fern

**Objectives:** The student will... *(to be completed by the classroom teacher)*

**Set Induction:** The teacher shows a small limb with resurrection fern in its brown, dry state and asks the students what environmental conditions are lacking or can be provided (i.e., moisture).

**Activities:**

1. The teacher sets up the experiment by allowing the students to research the resurrection fern. Suggestions for resources include the textbook, the internet, encyclopedia, nonfiction books, pamphlets, etc.
2. The students go into the field to observe the fern in dry and moist conditions at several intervals, recording observations in the observation journal. Students come back into the classroom to illustrate and write narrative accounts of their observations. A digital camera is very useful as images can be projected on the computer or TV monitor so that students who were absent may also make observations.
3. Peer assessment of the journals is an ongoing process throughout the project.

**Evaluation suggestions:**

Ongoing assessment of the process

**Resources and Materials:**

Computer software, CD-ROM, digital camera, books, encyclopedias, Internet

**Other Applications**

Various journals can be used throughout the year in science classrooms at any grade level or for individual experiments/projects such as this one.

Reaction Guide		
	Agree	Disagree
1. Journals give students an opportunity to communicate and explore ideas.		
2. Journaling is more effective in the English classroom.		
3. The dialogue journal is most often used in today's classrooms.		

Lesson Plan: Journaling