



Gold Seal Lesson

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Grade Span			ICLE Application Model			
K-4 XX	5-8	9-12	A	B	C XX	D

Instructional Focus:

Language Arts Integration –
Students synthesize individual language arts skills.

Reading –
Students read a variety of grade level materials, applying strategies appropriate to various situations.

Performance Task

Have the students read Cactus Hotel by Brenda Z. Guberson (Henry Holt and Co., Inc. 1991). The book traces the life of a saguaro cactus. After reading, the students use a blank time line to label the heights and events in the life of the cactus according to the reading.

For example students might put the following events on the time line:

- Birth: the seed was dropped by a paloverde tree
- At 10 years: 4" high, ants live on it
- 25 years: 2' tall, Jackrabbit nibbles at its pulp
- 50 years: 10' tall, flowers appear at the top; birds, bats, and bees come for nectar.

This activity can be accomplished by having individual students working independently develop a small desk-size time-line. Or students working in pairs or small groups students could complete a mural-size time line for classroom display.

Further research on other examples of a simple ecosystem could be done using the Internet or electronic encyclopedias. A comparative time line could then be constructed.

ICLE Essential Skills

Gather information from a variety of sources, including electronic sources and summarize, analyze, and evaluate its use for a report. (ela 3)

Present information in well-organized fashion that will be clear to the target audience. (ela 11)

Scoring Guide:

- Checklist:
- Student is able to gather information and summarize.
 - Student is able to gather information from other sources and summarizes.
 - Student is able to present the information that is accurate and pertinent.

Keywords

English Language Arts	Mathematics	Science
Reading Research	Algebra	Earth Science
Writing Expository	Geometry	Life Science
Communications	Statistics	Chemistry
Literature	Calculus	Physics
Other	Trigonometry	Other
	Other	