



Gold Seal Lesson

Author(s): Marsha Kucker			Lesson Title: A Poem as Lovely as a Tree			
Grade Span			ICLE Application Model			
K-4 XX	5-8	9-12	A	B	C	D XX

Instructional Focus:

Speaking –

Students speak for a variety of purposes and audiences with sophistication and complexity appropriate to the grade level.

Listening –

Students listen for a variety of purposes appropriate to the grade level.

Writing –

Students write for a variety of purposes and audiences with sophistication and complexity appropriate to the grade level.

Reading –

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

Basic Concepts and Knowledge –

Students develop an understanding of scientific concepts using facts, theories, principles, and models.

Science as Inquiry –

Students demonstrate knowledge and skills necessary to perform scientific inquiry.

Habits of Mind –

Students develop habits of mind including curiosity, open-mindedness and persistence.

Communication –

Students communicate and apply scientific concepts.

Performance Task

1. Have individual students read aloud the poem "Trees" by Joyce Kilmer.
2. Tell students to relate experiences and stories about trees – (climbing, picnics under a tree, etc.)
3. Ask students to describe trees. List their descriptions on the board.
4. Discuss with students how trees get their nourishment. Ask them to name different types of trees. Name some types of trees that bear fruit. How do animals depend upon trees?
5. Tell the students that they are going to have the opportunity to make observations like a scientist who observes and studies a tree to learn what special characteristics it has.
6. Take the class outside and have them each select a tree. Ask them to look to see what its physical features are. Ask them to document their findings. They may draw a picture of the entire tree or just one feature of the tree. Ask them also to prepare a paragraph describing "their" tree.

ICLE Essential Skills

Apply in writing the rules and conventions of grammar, usage, punctuation, paragraphing and spelling. (ela 1)
Follow oral or written directions. (ela 4)
Present information in well-organized fashion that will be clear to the target audience. (ela 11)
Draft a report that engages an audience and is concise, clear, well-organized, accurate, and informative. (ela 12)
Participate, sometimes leading, in group meetings by contributing, taking turns speaking, and working toward a common goal. (ela 20)
Understand the personal, social, cultural and historical significance of a text. (ela 23)
Apply, extend, and expand on information while reading. (ela 46)
Gather information such as data, facts, ideas, concepts, and generalizations from oral sources. (ela 51)
Make observations using senses and instruments. Inferences and interpretations are arrived at based on observations. Classify observable properties and organize observations in a meaningful and logical way. (s 5)
Know the structure and functions of roots, stems, leaves flowers and other parts of plants. (s 11)
Know the characteristics, roles, and divisions of complex organisms (i.e., plants and animals). (s 30)
Know the survival requirements of animals and plants and the history and implications of population growth. (s 40)
Know and apply the principles of scientific inquiry. (Implicit in this statement are the processes of prediction, estimation, developing hypotheses, drawing conclusions, evaluation, and following ethical principles and professional procedures.) (s 114)
Plan and apply real or hypothetical models and constructions to facilitate investigation and learning and the solution to practical problems. (s 115)

Scoring Guide:

Ratings: 4 – Excellent, 3 – Good, 2 – Average, 1 – Poor, 0 – Unacceptable	
Works well independently.	_____
Stayed focused on task.	_____
Seeks help appropriately/assumes responsibility for completing task.	_____
Structure and content appropriate for grade level.	_____
Spelling and punctuation appropriate for grade level.	_____

Keywords

English Language Arts	Mathematics	Science
Reading Comprehension	Algebra	Earth Science
Writing Composition Grammar Punctuation Penmanship Organization Note taking	Geometry	Life Science Plants Scientific inquiry
Communications Discussion Listening Illustration	Statistics	Chemistry
Literature	Calculus	Physics
Other	Trigonometry	Other
	Other	