



Gold Seal Lesson

Author(s): Marsha Kucker			Lesson Title: Money in the Bank			
Grade Span			ICLE Application Model			
K-4	5-8	9-12 XX	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.

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

Problem-Solving and Mathematical Reasoning - Students apply a variety of problem-solving strategies to investigate and solve problems from across the curriculum as well as from practical applications.

Number Operations and Concepts - Students use number, number sense, and number relationships in a problem-solving situation. Students communicate the reasoning used in solving these problems.

Algebraic Concepts and Relationships - Students use algebraic methods to investigate, model, and interpret patterns and functions involving numbers shapes, data, and graphs in a problem-solving situation. Students evaluate and communicate the reasoning used in solving these problems.

Performance Task

1. Divide students into groups of three. Have them conduct a survey of banking institutions to find out the rates of return for various savings plans. Also, have them call several stock brokerage firms and ask for current rates of return on corporate bonds and the rate of long-term average return on investments.
2. Ask students to prepare a brochure to market a particular savings plan identified from above. In the brochure, students should make a chart showing the interest earned over a set period of years for at least two of the savings plans identified.

ICLE Essential Skills

Apply in writing the rules and conventions of grammar, usage, punctuation, paragraphing and spelling. (ela 1)

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

Follow oral or written directions. (ela 4)

Participate, sometimes leading, in group meetings by contributing, taking turns speaking, and working toward a common goal. (ela 5)

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

Understand and produce a variety of informative formats such as business letters, memos, reports, news articles, brochures, proposals and critiques. (ela 22)

ICLE Essential Skills continued:

Understand and use graphs, charts, and visuals to enhance informational writing and oral presentations. (ela 29)
Understand the nature and purpose of and be able to word process a variety of formats including essays, business letters, memos, instructions, policy statements, technical proposals, user manuals, lab reports, etc. (ela 30)
Ask questions of others that encourage them to participate, elaborate, and contribute to understanding topics under discussion. (ela 48)
Organize supporting detail in logical and convincing patterns. (ela 54)
Participate in a one-on-one conference by relating essential information, asking questions on the topic, and using language to clarify information. (ela 69)
Engage a reader's interest in an analytical or interpretive piece of writing. (ela 93)
Perform operations with signed (positive and negative) numbers, including decimals, ratios, percents, and fractions. (math 1)
Understand basic algebraic properties (i.e., commutative: $ab = ba$; associative: $ab(c) = a(bc)$; and distributive: $a(b+c) = (ab) + (ac)$). (m3)
Understand the best procedures for statistical data collection, organization, and display including making estimates and predications and drawing inferences. (m 5)
Understand the use of variables in expressions such as $4x$, $x+2$, and $2x-1$, solve for the variable, and know how to represent expressions such as "twice the number" or "four more than the number" using variables. (m 7)

Scoring Guide:

Distinguished (95 – 100)

Outstanding work, fully meets all requirements; exhaustive coverage; completely understands and has ability to apply data to the solution of problems; shows originality.

Highly Proficient (90 – 95)

Excellent work, meets all requirements of task, good breadth; well planned and documented; shows fine understanding and ability to apply data to the solution of real and new problems; shows evidence of creativity.

Proficient (80 – 89)

Fine or good work, meets requirements of task; good breadth of coverage, well planned and documented; shows a good understanding and ability to apply data to the solution of real and new problems; shows some evidence of creative thinking.

Suggests Proficiency (70 – 79)

Fair work, meets many requirements of the task; fair breadth of coverage with some gaps; shows uneven understanding with some but not complete ability to apply data to the solution of real and new problems; needs to fill gaps.

Suggests Lack of Proficiency (65 – 70)

Uneven work, meets some requirements of the task; poor breadth of coverage with a number of gaps in coverage; understanding and ability to apply data to problem solving; needs to improve in significant areas.

Lacks Proficiency (Below 65)

Poor work, meets few if any requirements of the task; little or no breadth of coverage; little understanding and makes no significant attempt to apply data.

Keywords

English Language Arts	Mathematics	Science
Reading	Algebra Computation Math in Daily Life Problem Solving Graphs	Earth Science
Writing Brochure Compare/Contrast Word Processing Technical Writing Organization Mechanics	Geometry	Life Science
Communications Discussion Listening Communications Visuals	Statistics Data Display Data Collection Data Analysis Problem Solving	Chemistry
Literature	Calculus	Physics
Other	Trigonometry	Other
	Other	