



Gold Seal Lesson

Author(s): Susan Goss			Lesson Title: Love Letters and Numbers			
Grade Span			ICLE Application Model			
K-4	5-8	9-12 X	A	B X	C	D

Instructional Focus: these are the standards

Writing

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

Language Arts Integration

Students synthesize individual language arts skills.

Number Operation and Concepts

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

Performance Task

This activity is intended to evaluate students' understanding of a lesson explaining different types of numbers.

Each student will draw a card from a hat. The cards will contain To _____ and From: _____, and a topic. Blanks will be filled by different characteristics of numbers.

Students are instructed to write a letter To _____ and From: _____ about the topic
Letter should be minimum of 2 paragraphs long. Student should use lecture notes to justify given topic.

For example: To: positive integers From: negative integers Topic: Why we belong together

For example: To: Fractions From: decimals Topic: We're really not that different

For example: To: 0 From: counting numbers Topic: Imagine the things we could do if we worked together.

The intention of this activity is to see if the students understand and can verbalize the main characteristics of each set of numbers.

ICLE Essential Skills

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

Give oral or written directions that are clear and are understood by another person. (ela 2)

Identify, collect and/or select pertinent information while reading. (ela 5)

Develop processes for understanding and remembering information. (ela 8)

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

Perform operations with signed (positive and negative) numbers, including decimals, ratios, percents, and fractions. (m1)

Understand the definitions and properties of rational and irrational numbers. (m19)

Scoring Guide: CHECK LIST

Answer each of the following questions yes or no.

- | | | |
|--------------------------------------------------------------------|-----|----|
| 1. Did the student use facts about numbers to defend his/her case? | YES | NO |
| 2. Did the student write in complete sentences? | YES | NO |
| 3. Did the student use correct punctuation? | YES | NO |
| 4. Did the student write a minimum of 2 paragraphs? | YES | NO |
| 5. Did the student adhere to the form of a letter? | YES | NO |

5 correct = A 4 correct = B 3 correct = C 2 correct = D

Keywords

English Language Arts	Mathematics	Science
Reading	Algebra Whole numbers Rational/irrational Positive/negative Integer/fraction/decimal	Earth Science
Writing Persuasion Punctuation Spelling Grammar Elements of Writing Creative Writing	Geometry	Life Science
Communications	Statistics	Chemistry
Literature	Calculus	Physics
Other	Trigonometry	Other
	Other	