



**International Center  
for Leadership  
in Education**



**Gold Seal Lesson:**

Copernicus Education Gateway

<b>Author(s):</b> <i>Ann Cooley</i>			<b>Lesson Title:</b> <i>Dining Out</i>			
<b>Grade Span</b>			<b>ICLE Application Model</b>			
<i>K-4</i>	<i>5-8</i> <i>X</i>	<i>9-12</i>	<i>A</i>	<i>B</i>	<i>C</i>	<i>D</i> <i>X</i>

## Instructional Focus:

### 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.

### 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.

### Listening

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

## Performance Task

Each student is given \$50 of play money. They will work in groups of four to go out to dinner. Restaurant menus are provided to order meals. The cost of each item ordered is recorded. Appropriate tax is determined to prepare a bill. The server's tip of 15-20% is calculated. The group then has to decide whether to split the entire cost or pay only their share. The diners then leave money to pay the bill deciding who gets how much change.

Note to teacher: Obtained menus from popular restaurants for activity.

## ICLE Essential Skills

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

- Perform *operations with signed* (positive and negative) *numbers*, including decimals, ratios, percents, and fractions.(m 1)

## Scoring Guide:

Score each of the following criteria on a scale of 3 to 0, where:

- 3 – high quality performance
- 2 – satisfactory performance
- 1 – minimum quality performance
- 0 – does not participate in activity

Criteria \_\_\_\_\_ Score

- Menu selections considering money available
- Accurate computation skills including determining tip
- Cooperation with dining group
- Leadership role in determining method of payment

## Keywords

<b>English Language Arts</b>	<b>Mathematics</b>	<b>Science</b>
<b>Reading</b>	<b>Algebra</b> <b>Computation</b> <b>Estimation</b> <b>Math in daily life</b>	<b>Earth Science</b>
<b>Writing</b>	<b>Geometry</b>	<b>Life Science</b>
<b>Communications</b> <b>Listening</b> <b>Communication</b>	<b>Statistics</b>	<b>Chemistry</b>
<b>Literature</b>	<b>Calculus</b>	<b>Physics</b>
<b>Other</b>	<b>Trigonometry</b>	<b>Other</b>
	<b>Other</b>	