



**International Center  
for Leadership  
in Education**



**Gold Seal Lesson:**

Copernicus Education Gateway

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<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:

### 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.

### 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.

## Performance Task

Have the students go shopping using a teacher prepared checkbook. First display posters, representing stores, with colorful pictures of items popular with their age group. Indicate a price for each product. Give each student a checkbook with a balance of \$1000. Demonstrate how to write a check and record it along with instructions on how to determine the remaining balance.

The students go shopping without overdrawing their checking account. If their accounts do not balance they must find their mistakes. Students can take turns acting as storekeepers to calculate sales tax and collect payments.

## ICLE Essential Skills

- Follow oral or written directions. (ela 4)

- 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. (m 1)

## Scoring Guide:

Rate each student's checkbook on a 3-0 basis where:

3 = Excellent quality

2 = Satisfactory quality

1 = Unsatisfactory quality

0 = No attempt or does not show any knowledge or skill

## Keywords

<b>English Language Arts</b>	<b>Mathematics</b>	<b>Science</b>
<b>Reading</b>	<b>Algebra</b> <b>Math in daily life</b> <b>Estimation</b> <b>Computation</b>	<b>Earth Science</b>
<b>Writing</b> <b>Organization</b>	<b>Geometry</b>	<b>Life Science</b>
<b>Communications</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>	