

# Initial Skills-Assessment Checklist: Numeracy

LEARNER: \_\_\_\_\_ GOAL: \_\_\_\_\_

## Competency C: Understand and Use Numbers

Key performance descriptors for C.1 tasks	Tool
<p><i>Number Sense and Computation</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Understands numerical order</li> <li><input type="checkbox"/> Compares, orders, and represents the place value of whole numbers</li> <li><input type="checkbox"/> Counts by 2s, 5s, 10s</li> <li><input type="checkbox"/> Reads signs (+ - x ÷)</li> <li><input type="checkbox"/> Adds and subtracts whole numbers</li> <li><input type="checkbox"/> Multiplies and divides whole numbers</li> <li><input type="checkbox"/> Identifies fractions of a whole</li> <li><input type="checkbox"/> Identifies and performs required operations</li> </ul> <p><i>Money Math (C1.1)</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Recognizes coin value to \$2.00</li> <li><input type="checkbox"/> Uses monetary symbols and decimals</li> <li><input type="checkbox"/> Adds and subtracts money amounts</li> <li><input type="checkbox"/> Rounds to the nearest dollar</li> </ul> <p><i>Measuring Time (C2.1)</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Reads time on analogue clocks</li> <li><input type="checkbox"/> Writes dates and times using standard conventions</li> <li><input type="checkbox"/> Rounds to nearest hour</li> </ul> <p><i>Using Measures (C3.1)</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Recognizes common shapes</li> <li><input type="checkbox"/> Uses common measuring tools</li> <li><input type="checkbox"/> Reads and writes measures using whole numbers, decimals, and simple, common fractions (e.g. <math>\frac{1}{2}</math>, <math>\frac{1}{4}</math>)</li> </ul> <p><i>Manage Data (C4.1)</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Compares quantities of items</li> <li><input type="checkbox"/> Recognizes simple patterns</li> </ul>	
Key performance descriptors for C.2 tasks	Tool
<p><i>Number Sense and Computation</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Uses order of operations to evaluate expressions with whole numbers and decimals</li> <li><input type="checkbox"/> Recalls multiplication and division facts</li> <li><input type="checkbox"/> Adds, subtracts, multiples and divides multi-digit whole numbers and decimals</li> <li><input type="checkbox"/> Calculates using fractions, decimals, percentages, and integers</li> <li><input type="checkbox"/> Converts amounts using whole numbers, decimals, percentages, common fractions</li> </ul>	

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<ul style="list-style-type: none"> <li><input type="checkbox"/> Reduces fractions to lowest terms</li> <li><input type="checkbox"/> Converts between improper fractions and whole or mixed numbers</li> <li><input type="checkbox"/> Adds and subtracts fractions</li> <li><input type="checkbox"/> Multiplies and divides using fractions</li> <li><input type="checkbox"/> Converts between fractions, decimals, and percents</li> <li><input type="checkbox"/> Solves multi-step numerical and word problems</li> </ul> <p><i>Money Math (C1.2)</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Makes purchases and change for money amounts up to \$100</li> </ul> <p><i>Measures Time (C2.2)</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Reads and writes dates using S1 notation (y/m/d)</li> <li><input type="checkbox"/> Converts between 12-hour and 24-hour time</li> <li><input type="checkbox"/> Converts between units of time</li> </ul> <p><i>Uses Measures (C3.2)</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Uses formulas for finding perimeter, area, and volume of common shapes</li> </ul> <p><i>Manages Data (C4.2)</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Makes low level inferences to organize and represent data</li> <li><input type="checkbox"/> Identifies trends in data</li> </ul>	
<b>Key performance descriptors for C.3 tasks</b>	<b>Tool</b>
<p><i>Number Sense and Computation</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Uses the order of operations</li> <li><input type="checkbox"/> Calculates using numbers expressed as integers</li> </ul> <p><i>Money Math (C1.3)</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Solves multi-step numerical and word problems involving rates (e.g. \$/kg, \$/l)</li> </ul> <p><i>Measures Time (C2.3)</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Adds, subtracts, multiplies, and divides measurements of time</li> </ul> <p><i>Uses Measures (C3.3)</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Calculates the radius, diameter, and circumference of circles</li> <li><input type="checkbox"/> Uses formulas for finding the perimeter, area, and volume of non-rectangular, composite shapes</li> </ul> <p><i>Manages Data (C4.3)</i></p> <ul style="list-style-type: none"> <li><input type="checkbox"/> Organizes and displays numerical information (e.g., tables, graphs)</li> <li><input type="checkbox"/> Finds, integrates, and analyses numerical information</li> <li><input type="checkbox"/> Calculates and interprets summary measures (e.g., mean, median, mode)</li> <li><input type="checkbox"/> Makes predictions using data; identifies trends</li> </ul>	