

**Task Analysis**  
**Number and Operations**

Subject: Math	
Grade: 2	
Strand 1: Number and Operations	
Concept: 2 Numerical Operations	
PO 6. Demonstrate the concept of multiplication for 1s, 2s, 5s, and 10s	
Topic: Multiplication	
Do: Multiply two single digit numbers to find product	
Level of Thinking: Comprehension	
Essential Vocabulary: Multiplication – the operation of repeated addition Product – the result obtained when two or more quantities are multiplied Factor – a number multiplied by another number to find the product	Why is this important to learn? It makes counting large numbers fast and easy. It helps with counting money (pennies, nickels, dimes).
Essential Facts: Multiplication problems are written horizontal and vertical.	
<p>Steps: Vertical Multiplication</p> <ol style="list-style-type: none"> <li>1) Circle the top number (factor)</li> <li>2) Look at the bottom number.</li> <li>3) Add the top number the amount of the bottom number. Ex. <math>\textcircled{3} \rightarrow 3 + 3</math> <math>\begin{array}{r} \times 2 \\ \hline \end{array}</math></li> <li>4) Write answer under the line</li> <li>5) Complete the sentence frame: <math>\begin{array}{r} \text{---} \\ + \text{---} \\ \hline \end{array}</math></li> </ol> <p>Steps: Horizontal Multiplication</p> <ol style="list-style-type: none"> <li>1) Circle the factor on left</li> <li>2) Write the left factor the number of times of right factor in vertical form</li> <li>3) Add those numbers</li> <li>4) Write answer under line</li> <li>5) Write answer product after = sign in original problem</li> <li>6) Complete the sentence frame: <math>\text{---} \times \text{---} = \text{---}</math></li> </ol>	

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