

Rubric for Outcomes: LERN 48

STUDENT WILL BE ABLE TO:	Level 0	Level 1	Level 2	Level 3
1. Calculate and solve problems of +, -, x and ÷ for whole numbers, exponents, order of operations, factoring, multiples, prime numbers, prime factoring			1. Scores $\geq 70\%$ on comprehensive exam including times tables OR 2. Scores $\geq 70\%$ on cumulative assessments including times tables	
2. Select strategies for solving a variety of whole number application problems	Is unable to solve application problems	Will correctly solve three of ten application problems and successfully explain the process for each problem solution.	Will correctly solve six of ten application problems and successfully explain the process for each problem solution.	Will correctly solve six of ten application problems and successfully explain both the process for each problem solution and why uses the process.
3. Demonstrate proper use of math terms and vocabulary	Provides some definition for at least 10 terms and/or fails to use them in a math explanation.	Provides correct definition for 10 terms and can use them in a math multi-modal explanation.	Provides correct definition for at least 25 terms and can use them in a math multi-modal explanation.	Provides correct definition for at least 35 terms and can use them in a math multi-modal explanation.
4. Solve multi-step problems using more than one approach	Is unable to successfully solve a given order of operation problem	Can demonstrate successfully the solution to a given order of operation problem that involves at least three calculations.	Can demonstrate successfully the solution to a given order of operation problem that involves at least five calculations.	Can demonstrate successfully the solution to a given order of operation problem that involves at least five calculations and can explain correctly the processes used.
5. Apply strategies for learning math	Is unable to identify learning strategies and/or cannot explain their use.	Can explain the use of at least three learning strategies appropriate for studying math.	Can demonstrate the successful application of at least four learning strategies appropriate for studying math.	Can demonstrate the successful application of at least six learning strategies appropriate for studying math and explain why they are personally useful.

Student **must** have average score of 2 or more for outcomes #2 - 5; student **must** score 2 on outcome #1

Level 0: Beginning, insufficient for credit

Level 1: Developing, insufficient for credit

Level 2: Accomplished, sufficient for credit

Level 3: Proficient, exceeds level for credit