

MATHEMATICS

Level 0.0 - 1.9 • (Basic)

Student: _____	ID # _____	Entry Date: _____
Institution: _____	Date Achieved: _____	
Site: _____	Instructor(s): _____	

PLEASE CHECK CORRESPONDING BOX AS EACH STANDARD IS ACHIEVED.

STANDARD 1

The Student demonstrates pre-computational skills.

Date: _____ Instructor: _____

Benchmarks:

- 1.1 Identifying and writing number symbols (0 – 100);
- 1.2 Reading words for numerals 1 – 20;
- 1.3 Counting and associating numbers with quantities, including recognizing correct number sequencing;
- 1.4 Understanding basic concepts (for example: more, less, same as, above, below, between, in, out, over, under);
- 1.5 Locating positive whole numbers on a number line;
- 1.6 Identifying the next item in a simple pattern (XOOXOO);
- 1.7 Identifying the missing item in a number scheme.

STANDARD 2

The student shows awareness of ways numbers are represented and used in the real world.

Date: _____ Instructor: _____

Benchmarks:

- 2.1 Using ordinal numbers first through tenth;
- 2.2 Understanding and applying the concepts of counting by 2, 5, and 10.

STANDARD 3

The student demonstrates reasonable proficiency in computing addition and subtraction problems.

Date: _____ Instructor: _____

Benchmarks:

- 3.1 Understanding and explaining the effect of addition on whole numbers;
- 3.2 Solving 1-and 2-digit addition problems without regrouping, given in both vertical and horizontal notation;
- 3.3 Understanding and explaining the effect of subtraction on whole numbers;
- 3.4 Solving 1-and 2-digit subtraction problems without regrouping, given in both vertical and horizontal notation;
- 3.5 Selecting the appropriate operation to solve specific problems involving addition and subtraction of whole numbers;
- 3.6 Adding 1-digit whole numbers to solve real-world problems using appropriate methods of computing (for example: manipulatives, mental mathematics, paper and pencil);
- 3.7 Adding a column of three 1-digit numbers;
- 3.8 Recalling addition facts using a number line, table, or memory;
- 3.9 Recalling subtraction facts using a number line, table, or memory.

STANDARD 4

The student measures quantities in the real world and uses the measures to solve problems.

Date: _____ Instructor: _____

Benchmarks:

- 4.1 Using U.S. units such as inches, pounds, degrees, and cups to measure real quantities (for example: measure to the nearest inch on a 12 inch ruler);
- 4.2 Using and describing basic measurement concepts (for example: length, weight, digital and analog time, temperature, capacity);
- 4.3 Selecting and using an appropriate unit of measure;
- 4.4 Stating the date by month, day, and year, using a calendar;
- 4.5 Telling time to the hour and half hour.

STANDARD 5

The student identifies two- and three-dimensional shapes.

Date: _____ Instructor: _____

Benchmark:

- 5.1 Identifying a square, circle, sphere, rectangle, cube, and triangle.

STANDARD 6

The student solves money problems.

Date: _____ Instructor: _____

Benchmarks:

- 6.1 Identifying coins and currency of different values;
- 6.2 Identifying sets of coins equivalent to \$.25 or less;
- 6.3 Reading and writing numerals for money;
- 6.4 Using addition, without regrouping, to solve real-world problems involving two purchases totaling no more than \$.50;
- 6.5 Recognizing monetary symbols.

LITERACY COMPLETION POINT A