ADULT LITERACY FUNDAMENTAL MATHEMATICS (ALFM) LEVEL 3

Students need to demonstrate competency in these outcomes before progressing to the next level. In assessment, it may be determined that some of the outcomes have already been met. In this case, students will focus on the outcomes which still need to be achieved.

In Level 3 the student will be able to:

NUMBER & NUMBER OPERATIONS CONCEPTS	▸ Explain or use examples of keywords: ▸ quotient, remainder, dividend, divisor, division, divide, go into, by, factors
OPERATIONS AND APPLICATIONS	▸ Multiply whole numbers with carrying ▸ Estimate products ▸ Memorize division facts ▸ Divide whole numbers without remainder ▸ Divide whole numbers with remainder ▸ Check a division question using multiplication ▸ Estimate quotients ▸ Check multiplication with division
PATTERNS, FUNCTIONS & RELATIONS CONCEPTS	▸ Recognize the relationship between multiplication and division
OPERATIONS AND APPLICATIONS	▸ Divide whole numbers by 10's ; 100's; 1000's ▸ Determine a number's divisibility by 2; 3; 5; and 9
REAL LIFE APPLICATIONS CONCEPTS	▸ Demonstrate division by regrouping
OPERATIONS AND APPLICATIONS	▸ Make change up to $100 ▸ Apply multiplication to real life situations ▸ Apply multiplication to solve multi-step word problems reflecting real life situations ▸ Use manipulatives to explain division ▸ Solve division word problems reflecting real life situations ▸ Solve multi-operation word problems ▸ Calculate unit prices using whole numbers ▸ Calculate best buy using whole numbers

MEASUREMENT CONCEPTS	▸ Explain or use examples of keywords: ▸ Basic prefixes of metric system ▸ Recognize basic metric units ▸ Define basic prefixes of metric system
GEOMETRY CONCEPTS OPERATIONS AND APPLICATIONS	▸ Explain or use examples of keywords: ▸ area ▸ Calculate area of a square ▸ Calculate area of a rectangle ▸ Compare and contrast perimeter and area informally, using a drawing or shape
SKILLS & STRATEGIES FOR LEARNING	▸ Apply logical thinking to math operations ▸ Work independently ▸ Ask for help ▸ Receive and respond to feedback ▸ Manage time to complete assignments in and out of class ▸ Recognize personal learning strengths and styles ▸ Use an answer key to mark and self assess ▸ Locate information in a textbook ▸ Develop a variety of test taking strategies ▸ Check that the question was accurately transferred ▸ Organize computation effectively ▸ Set learning goals to manage time to complete assignments in and out of class ▸ Give and receive help in a respectful manner ▸ Use a variety of test taking strategies ▸ Use critical thinking skills ▸ Manage frustrations of learning