

# EM Learning Library

## Numeracy:

### Beginning Numeracy:

Pre-test

Whole Number Place Values

Compare Whole Numbers

Addition of Whole Numbers without Regrouping

Subtraction of Whole Numbers without Regrouping

Post-test

Workbook

### Beginning Arithmetic:

Pre-test

Addition of Whole Numbers with Regrouping

Subtraction of Whole Numbers with Regrouping

Round Whole Numbers

Introduction to Multiplication

Introduction to Division

Introduction to Fractions

Post-test

Workbook

### Intermediate Arithmetic:

Pre-test

Long Multiplication

Long Division

Basic Order of Operations

Post-test

Workbook

### Fractions and Decimals:

Pre-test

Simplify Fractions and Equivalence

Simplify Improper Fractions and Mixed Numbers

Introduction to Decimals

Dividing a Whole Number by a Larger Whole Number

Convert Decimals and Fractions

Post-test

Workbook

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## **Fraction Arithmetic:**

Pre-test  
Find Common and Lowest Common Denominators  
Add Fractions  
Subtract Fractions  
Multiply Fractions  
Divide Fractions  
Post-test  
Workbook

## **Word Problems Lesson:**

Introduction to Word Problems  
Workbook

## **Decimals:**

Pre-test  
Add Decimals without Regrouping  
Add Decimals with Regrouping  
Subtract Decimals without Regrouping  
Subtract Decimals with Regrouping  
Multiply Decimals  
Round and Estimate Decimals  
Divide Decimals  
Post-test  
Workbook

## **Positive and Negative Numbers:**

Pre-test  
Positive and Negative Numbers  
Add Positive and Negative Numbers  
Subtract Positive and Negative Numbers  
Multiply Positive and Negative Numbers  
Divide Positive and Negative Numbers  
Post-test  
Workbook

## **Measurement:**

Pre-test  
US Measurements  
Metric Measurements  
Using Formulas  
Post-test

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Workbook

## **Algebra:**

Pre-test

Identify Unknowns and Exponents

Square Roots and Order of Operations

Algebraic Expressions – Combining Like Terms

Algebraic Expressions – Multiplication

Algebraic Expressions – Division

Algebraic Expressions – Factoring

First Degree Equations

Solve Inequalities

Post-test

Workbook

## **Word Problems:**

Intermediate Word Problem Solving

Workbook

## **High Secondary Part 1:**

Pre-test

Using a Calculator

Percent

Two Variables in Algebraic Equations

Graph Ordered Pairs

Graph Equations

Graph Systems of Equations

Post-test

Workbook

## **High Secondary Part 2:**

Pre-test

Introduction to Geometry

Find the Perimeter

Find the Area

Find the Volume

Post-test

Workbook

## **High Secondary Part 3:**

Pre-test

Introduction to Geometry and Proof

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Lines and Line Segments

Angles

Polygons

Circles

Post-test

Workbook

## **High Secondary Part 4:**

Pre-test

Ratio and Proportion

Measures of Central Tendency

Advanced Word Problem Solving

Post-test

Workbook

## **Reading and Writing:**

### **Beginning Grammar Part 1:**

Pre-test

Introduction to Parts of Speech

Basic Punctuation

Basic Sentence Composition

Post-test

Workbook

### **Beginning Grammar Part 2:**

Pre-test

Pronouns

Articles and Conjunctions

Prepositions

Verb Tenses

Post-test

Workbook

### **Beginning Grammar Part 3:**

Pre-test

Possessive Case

Advanced Punctuation

Capitalization

Contractions

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Spelling Rules  
Post-test  
Workbook

## **Intermediate Grammar and Writing 1:**

Pre-test  
Paragraph Composition  
Find Main Ideas  
Post-test  
Workbook

## **Intermediate Reading and Writing:**

Pre-test  
Improve Reading Comprehension  
Introduction to Essay Writing  
Post-test  
Workbook

## **Essay:**

Essay - Preparing to Write an Essay  
Essay - Writing an Essay

## **Writing:**

Pre-test  
Writing – Organization  
Writing – Sentence Structure  
Writing – Usage  
Writing – Mechanics  
Post-test  
Workbook

## **GED Exam Preparation:**

Taking the GED Math Test  
Taking the GED Language Arts, Writing Test  
Taking the GED Language Arts, Reading Test  
Taking the GED Science Test  
Taking the GED Social Studies Test

## **High Secondary Reading:**

Pre-test  
Introduction to Literature  
Comprehend and Apply Literature

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Introduction to Poetry  
Analyze and Synthesize Poetry  
Introduction to Non-Fiction  
Comprehend and Apply Non-Fiction  
Introduction to Theatrical Plays  
Analyze and Synthesize Plays  
Post-test  
Workbook

## Science:

### High Secondary Science:

Pre-test  
Introduction to Earth Science  
Use Earth Science Tables and Charts  
Introduction to Physical Science  
Comprehend and Apply Physical Science Information  
Introduction to Life Science  
Analyze and Synthesize Life Science Information  
Post-test  
Workbook

## Social Studies:

### High Secondary Social Studies:

Pre-test  
US Geography  
World Geography  
Introduction to American History  
Comprehend and Apply American History Information  
Introduction to World History  
Analyze and Synthesize World History Information  
US Government  
World Governments  
Economics  
Post-test  
Workbook