English Foundations I supports adolescent literacy development at the critical stage between decoding and making meaning from text. Through intensive reading and writing skills instruction, deep practice sets, consistent formative feedback, graduated reading levels, and helpful strategy tips, the course leads students to improved comprehension and text handling.

Semester 1 provides instruction in basic reading skills and vocabulary building. The student learns what a successful reader does to attack words and sentences and make meaning from them. Semester 2 provides instruction in basic writing skills, introduces academic tools, and demonstrates effective study skills. The student learns step-by-step processes for building effective paragraphs and learns how to use academic tools such as reference books and outlines. To provide additional support, the course uses text features and visual clues to draw students’ attention to important information. The use of text features is also designed to help students internalize strategies for comprehending informational text.

Characters appear throughout the instruction to offer tips and fix-up strategies in an authentic, first-person, think-aloud format. Their inclusion makes transparent the reading processes that go on inside the mind of a successful reader. This extra metacognitive support serves to bolster student confidence and provide a model of process and perseverance.

Numerous practice opportunities are provided in the form of assessments that move from no stakes to low stakes to high stakes throughout a unit. This practice is centered on authentic and age-appropriate passages that are written in a topical framework and use controlled syntax and vocabulary. The difficulty of these passages gradually increases from a 3rd- to 5th grade reading level over the duration of the course. Additional support is offered through significant formative feedback in practice and assessment.

This course guides students through the reading, writing, and basic academic skills needed to prepare for success in academic coursework. At the end of the course, the student should be poised for continued success in the academic world. The content is based on extensive national and state standards research and consultation with reading specialists and classroom teachers. This course is built to state standards for reading and writing and informed by NCTE/IRA reading and writing standards.

Length: Two semesters

**UNIT 1: INTRODUCTION TO PROBLEM SOLVING**
- Lesson 1: Building Basic Word Problems
- Lesson 2: A Four-Step Approach
- Lesson 3: Too Much or Too Little Information
- Lesson 4: Draw a Diagram
- Lesson 5: Use a Model or Act It Out
- Lesson 6: Make a List
- Lesson 7: Build a Chart and Find a Pattern
- Lesson 8: Guess and Check
- Lesson 9: Work Backward
- Lesson 10: Introduction to Problem Solving Wrap-Up

**UNIT 2: THE LANGUAGE OF ALGEBRA**
- Lesson 1: What is a Variable?
- Lesson 2: Finding and Naming Variables
- Lesson 3: Measurement and Units
- Lesson 4: Graphs, Tables, and Equations
- Lesson 5: Solving Problems with Tables and Graphs
- Lesson 6: Variable Expressions
Lesson 7: Simplifying and Evaluating Expressions
Lesson 8: Mathematical Sentences
Lesson 9: Solving Mathematical Sentences
Lesson 10: Some Guidelines for Problem Solving
Lesson 11: The Language of Algebra Wrap-Up

UNIT 3: SOLVING EQUATIONS WITH FOUR BASIC OPERATIONS
Lesson 1: Solving Equations Graphically
Lesson 2: Solving Equations with Larger Numbers
Lesson 3: Solving $x + a = b$
Lesson 4: Solving with a Number Line
Lesson 5: Solving Inequalities
Lesson 6: Solving $ax = b$
Lesson 7: Solving $x/a = b$
Lesson 8: Inequalities
Lesson 9: Variations of Equations and Inequalities
Lesson 10: Solving Multistep Linear Equations
Lesson 11: Literal Equations
Lesson 12: Solving Equations with Four Basic Operations Wrap-Up

UNIT 4: FUNCTIONS
Lesson 1: Domain and Range
Lesson 2: Identifying Functions
Lesson 3: Graphs of Functions
Lesson 4: Adding and Subtracting Functions
Lesson 5: Functions Wrap-Up

UNIT 5: SEMESTER 1 EXAM
Lesson 1: Semester 1 Review and Exam

UNIT 6: USING LOGIC TO SOLVE PROBLEMS
Lesson 1: Building Equations
Lesson 2: Deductive Reasoning
Lesson 3: Inductive Reasoning
Lesson 4: Logic Puzzles
Lesson 5: Problem Solving
Lesson 6: Using Logic to Solve Problems Wrap-Up

UNIT 7: LINEAR EQUATIONS
Lesson 1: Slope
Lesson 2: Slope-Intercept Equation of a Line
Lesson 3: Point-Slope Equation of a Line
Lesson 4: Parallel and Perpendicular Lines
Lesson 5: Linear Inequalities
Lesson 6: Linear Equations Wrap-Up

UNIT 8: SYSTEMS OF LINEAR EQUATIONS
Lesson 1: Two-Variable Systems: Graphing
Lesson 2: Two-Variable Systems: Substitution
Lesson 3: Two-Variable Systems: Elimination
Lesson 4: Two-Variable Systems of Inequalities
Lesson 5: Systems of Linear Equations Wrap-Up
UNIT 9: EXPONENTS AND EXPONENTIAL FUNCTIONS
- Lesson 1: Definitions and Examples of Exponents
- Lesson 2: Exponents and the Order of Operations
- Lesson 3: Laws of Exponents
- Lesson 4: Square Roots
- Lesson 5: Radical Notation
- Lesson 6: Exponential Functions
- Lesson 7: Graphs of Exponential Functions
- Lesson 8: Exponents and Exponential Functions Wrap-Up

UNIT 10: UNDOING FUNCTIONS AND MOVING THEM AROUND
- Lesson 1: Parent Functions
- Lesson 2: Shifting Functions
- Lesson 3: Stretching and Compressing Functions
- Lesson 4: Transformations of Parent Functions
- Lesson 5: Undoing Functions and Moving Them Around Wrap-Up

UNIT 11: SEQUENCES AND FUNCTIONS
- Lesson 1: Arithmetic Sequences
- Lesson 2: Geometric Sequences
- Lesson 3: Understanding Number Sequences
- Lesson 4: Exponential and Linear Growth
- Lesson 5: Sequences and Functions Wrap-Up

UNIT 12: SEMESTER 2 EXAM
- Lesson 1: Semester 2 Review and Exam