# **Odysseyware**®

2019-20

# **CURRICULUM** CATALOG

# Assessments and Diagnostics



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### **End of Course**

#### Mathematics 700 End Of Course Test

Unit	: 1: End-Of-Course Test		
Assi	gnments		
1.	End of Course Test	3.	Alternate End of Course Test – Form A
2.	Alternate End of Course Test – Form A		

#### Mathematics 800 End Of Course Test

Un	it 1: End-Of-Course Test	
Ass	ignments	
1.	End of Course Test	3. Alternate End of Course Test – Form A
2.	Alternate End of Course Test – Form A	

#### Algebra I End Of Course Test

Unit 1: End-Of-Course Test			
Assi	gnments		
1.	End of Course Test	3.	Alternate End of Course Test – Form A
2.	Alternate End of Course Test – Form A		

### Geometry End Of Course Test

Unit	1: End-Of-Course Test		
Assi	gnments		
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2.	Alternate End of Course Test – Form A		

#### Algebra II End Of Course Test

Unit	1: End-Of-Course Test		
Assi	gnments		
1.	End of Course Test	3.	Alternate End of Course Test – Form A
2.	Alternate End of Course Test – Form A		

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# **High School Completion**

#### **GED Test Prep**

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	Unit	1: Reasoning Through Language Arts		
	Assi	gnments		
	1.	Overview and Diagnostic Test	15.	Independent and Subordinate Clauses
	2.	MainIdeas	16.	Sentence Errors
	3.	Cause and Effect, Compare and Contrast	17.	Parallel Structure and Agreement
de	4.	Drawing Conclusions and Making Generalizations	18.	Capitalization and Punctuation
Prep	5.	Analyzing Language, Tone, and Word Choice	19.	Possessives and Contractions
GED® Test	6.	Analyzing Arguments	20.	Commonly Confused Words/Homonyms
J®T	7.	Relationships Between Texts	21.	Understanding the WritingPrompt
361	8.	Plot	22.	Planning and Organizing Your Writing
Ŭ	9.	Understanding Characters	23.	Developing a Thesis
	10.	Theme	24.	Gathering Evidence
	11.	Style and Inferences	25.	Writing Your Response
	12.	Understanding Point of View	26.	Revising, Editing, and Polishing
	13.	Figurative Language	27.	Review Test
	14.	Parts of the Sentence		

	Assi	gnments		
	1.	Overview and Diagnostic Test	26.	Similar Figures and Scale Drawings
	2.	Numbers, Value, and Order of Operations	27.	The Number Line, Power, Roots
	3.	Place Value and Rounding	28.	Scientific Notation and Algebraic Expressions
	4.	Factors, Multiples, and Exponents	29.	Polynomials: Add and Subtract
	5.	Fractions	30.	Polynomials: Divide and Multiply
	6.	Decimals	31.	Algebraic Expressions and Variables
	7.	Operating on Fractions and Decimals	32.	Expressions, Variables, and Exponents
	8.	Ratios	33.	More Expressions, Variables, and Exponents
	9.	Proportion	34.	Exponential Expressions
Prep	10.	Percentages	35.	Exponential Functions
st F	11.	Percentages and Averages	36.	Simplifying Radicals
ED® Test	12.	Applications	37.	Dividing Radicals
	13.	Pictographs, Line Plots, Histograms	38.	Equations
<u>ග</u>	14.	Interpreting Data: Tables and Graphs	39.	Functions
	15.	Picture, Bar, and Pie Charts	40.	Linear Equations
	16.	Probability	41.	Inequalities
	17.	Statistics	42.	Verbal Problems
	18.	The Pictograph and Bar Graph	43.	Review of Algebra (Part 1)
	19.	Combinations and Permutations	44.	Review of Algebra (Part 2)
	20.	Measurement	45.	Review of Algebra (Part 3)
	21.	Units and Conversion	46.	Graphing and Coordinate Geometry
	22.	Formula Review	47.	Coordinate Graphs
	23.	Two-dimensional Figures	48.	Graphing Functions
	24.	Triangle, Pythagorean Theorem	49.	Review Test
	25.	Three-dimensional Figures		

	Unit	3: Social Studies		
	Assi	gnments		
	1.	Overview and Diagnostic Test	12.	Branches of Government
	2.	Understanding Texts and Analyzing Point of View	13.	Political Parties and Voting
Prep	3.	Interpreting Visual Elements	14.	Economic Concepts and the U.S. System
st F	4.	Evaluating Evidence, Integrating Content	15.	The Economy and the Government
Te	5.	Report: Bias, Propaganda, and Point of View	16.	Labor/Consumer Issues
GED® Test	6.	American Revolution	17.	Early Civilizations
ල	7.	Civil War, Westward Expansion	18.	Exploration and Colonization
	8.	The Progressive Era	19.	Report: Regional Lifestyles
	9.	The Civil Rights Era	20.	Current World Issues
	10.	The Role of the U.S. in the World	21.	Report: Eras and Issues
	11.	The Constitution	22.	Review Test

	Unit	4: Science		
·	Assi	gnments		
•	1.	Overview and Diagnostic Test	11.	Reproduction, Heredity, and Genetics
rep	2.	ScientificTheories	12.	Theories of Evolution and Natural Selection
Test Prep	3.	ScientificMethod	13.	Earth and Earth's Resources
Tes	4.	Conducting Investigations	14.	Weather and Climate
GED®	5.	ReasoningandEvaluating	15.	Solar System and the Universe
B	6.	Project: Research a Scientific Theory	16.	Atoms and Molecules
	7.	Cell Structures and Functions	17.	The Periodic Table
	8.	Cell Division and Reproduction	18.	Energy, Motion, and Forces
	9.	Ecosystems and Food Chains	19.	Types of Energy
	10.	Human Body Systems and Health	20.	Science Review Test

	5: GED® Practice Test		
Assi	gnments		
1.	Reasoning Through Language Arts, Part 1	18.	Reasoning Through Language Arts, Part 2: Alternate
2.	Reasoning Through Language Arts, Part 2		Test 2*
3.	Reasoning Through Language Arts, Part 3	19.	Reasoning Through Language Arts, Part 3: Alternate
4.	Mathematical Reasoning, Part 1		Test 2*
5.	Mathematical Reasoning, Part 2	20.	Mathematical Reasoning, Part 1: Alternate Test 2*
6.	SocialStudies	21.	Mathematical Reasoning, Part 2: Alternate Test 2*
7.	Science, Part 1	22.	Social Studies: Alternate Test 2*
8.	Science, Part 2	23.	Science, Part 1: Alternate Test 2*
<u>ار</u> 9.	Reasoning Through Language Arts, Part 1: Alternate	24.	Science, Part 2: Alternate Test 2*
9. 10.	Test 1*	25.	Reasoning Through Language Arts, Part 1: Alternate
10.	Reasoning Through Language Arts, Part 2: Alternate		Test 3*
ס	Test 1*	26.	Reasoning Through Language Arts, Part 2: Alternate
11.	Reasoning Through Language Arts, Part 3: Alternate		Test 3*
	Test 1*	27.	Reasoning Through Language Arts, Part 3: Alternate
12.	Mathematical Reasoning, Part 1: Alternate Test 1*		Test 3*
13.	Mathematical Reasoning, Part 2: Alternate Test 1*	28.	Mathematical Reasoning, Part 1: Alternate Test 3*
14.	Social Studies: Alternate Test 1*	29.	Mathematical Reasoning, Part 2: Alternate Test 3*
15.	Science, Part 1: Alternate Test 1*	30.	Social Studies: Alternate Test 3*
16.	Science, Part 2: Alternate Test 1*	31.	Science, Part 1: Alternate Test 3*
17.	Reasoning Through Language Arts, Part 1: Alternate Test 2*	32.	Science, Part 2: Alternate Test 3*

HiSet Test Prep
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	Unit 1: Language Arts - Reading Test  Assignments						
Prep							
t Pr	1.	Overview and Diagnostic Test	8.	Understanding Characters			
HiSET® Test I	2.	Identify Main Ideas and Summarize Text	9.	Theme			
<u>@</u>	3.	Cause and Effect, Compare and Contrast	10.	Style and Inferences			
SE	4.	Drawing Conclusions and Making Generalizations	11.	Understanding Point of View			
宝	5.	Analyzing Language, Tone, and Word Choice	12.	Figurative Language			
	6.	Analyzing Arguments	13.	Process Categories			
	7.	Plot	14.	Review Test			

	Unit	Unit 2: Language Arts - Writing Test					
	Assi	Assignments					
HiSET® Test Prep	1.	Overview and Diagnostic Test	9.	Understanding the WritingPrompt			
	2.	Parts of the Sentence	10.	Planning and Organizing Your Writing			
	3.	Independent and Subordinate Clauses	11.	Developing aThesis			
L E	4.	Sentence Errors	12.	Gathering Evidence			
H <sub>i</sub> S	5.	Parallel Structure and Agreement	13.	Writing Your Response			
	6.	Capitalization and Punctuation	14.	Revising, Editing, and Polishing			
	7.	Possessives and Contractions	15.	Review Test			
	8.	Commonly Confused Words/Homonyms					

	Unit	Unit 3: Mathematics						
	Assi	Assignments						
	1.	Overview and Diagnostic Test	12.	Linear Relationships				
ер	2.	Numbers, Value, and Order of Operations	13.	Probability				
Ą.	3.	Real and Complex Numbers	14.	Statistics				
Test Prep	4.	Factors, Multiples, and Exponents	15.	Combinations and Permutations				
E	5.	Ratios, Proportions, Percents	16.	Algebraic Symbols and Functions				
HiSET®-	6.	Measurable Attributes of Objects	17.	Linear and Nonlinear Functions and Inequalities				
工	7.	Techniques, Formulas, and Tools for Measuring	18.	Simplifying Expressions, Functions				
	8.	Properties of Geometric Figures	19.	Expressions, Relations, Equations				
	9.	Theorems of Lines and Triangles	20.	Process Categories				
	10.	Perimeter, Surface Area, Volume, Length, Angles	21.	Review Test				
	11.	Counting and Distribution						

	Unit	Unit 4: Social Studies						
Prep	Assignments							
	1.	Overview and Diagnostic Test	10.	Economic Concepts and the U.S. System				
	2.	American Revolution	11.	The Economy and the Government				
HiSET® Test	3.	Civil War, Westward Expansion	12.	Supply and Demand/Needs and Wants				
<u>e</u>	4.	The Progressive Era, Civil Rights	13.	Physical and Human Geography				
SE	5.	Major Eras in World History	14.	Economic, Political, and Social Factors				
宝	6.	The Role of the U.S. in the World	15.	Using Maps and Other Tools				
	7.	Citizenship and Civic Ideals	16.	Social Studies Process Categories				
	8.	Different Systemsof Government	17.	Review Test				
	9.	The Role of the Citizen: Rights and Responsibilities						

	Unit	Unit 5: Science					
de	Assignments						
HiSET® Test Prep	1.	Overview and Diagnostic Test	8.	Geologic Structures and Processes			
	2.	Cell Structures and Function	9.	Solar System and the Universe			
<u>e</u>	3.	Cell Division and Reproduction	10.	Atoms and Molecules			
SE	4.	Ecosystems and Food Chains	11.	Energy, Motion, and Forces			
至	5.	Human Body Systems and Health	12.	Types of Energy			
	6.	Reproduction, Heredity, and Genetics	13.	Process Categories			
	7.	Earth and Earth's Resources	14.	Review Test			

	Unit	6: HiSET Practice Test		
	Assi	gnments		
	1.	Reasoning Through Language Arts - Reading	16.	Reasoning Through Language Arts - Writing, Part 1:
	2.	Reasoning Through Language Arts - Writing, Part 1		Alternate Test 2*
	3.	Reasoning Through Language Arts - Writing, Part 2	17.	Reasoning Through Language Arts - Writing, Part 2:
	4.	Mathematical Reasoning, Part 1		Alternate Test 2*
	5.	Mathematical Reasoning, Part 2	18.	Mathematical Reasoning, Part 1: Alternate Test 2*
<u>a</u>	6.	Social Studies, Part 1	19.	Mathematical Reasoning, Part 2: Alternate Test 2*
Test Prep	7.	Science, Part 1	20.	Social Studies, Part 1: Alternate Test 2*
	8.	Reasoning Through Language Arts - Reading:	21.	Science, Part 1: Alternate Test 2*
Ė @		Alternate Test 1*	22.	Reasoning Through Language Arts - Reading:
HiSET®.	9.	Reasoning Through Language Arts - Writing, Part 1:		Alternate Test 3*
Ξ̈́		Alternate Test 1*	23.	Reasoning Through Language Arts - Writing, Part 1:
	10.	Reasoning Through Language Arts - Writing, Part 2:		Alternate Test 3*
		Alternate Test 1*	24.	Reasoning Through Language Arts - Writing, Part 2:
	11.	Mathematical Reasoning, Part 1: Alternate Test 1*		Alternate Test 3*
	12.	Mathematical Reasoning, Part 2: Alternate Test 1*	25.	Mathematical Reasoning, Part 1: Alternate Test 3*
	13.	Social Studies, Part 1: Alternate Test 1*	26.	Mathematical Reasoning, Part 2: Alternate Test 3*
	14.	Science, Part 1: Alternate Test 1*	27.	Social Studies, Part 1: Alternate Test 3*
	15.	Reasoning Through Language Arts - Reading:		
		Alternate Test 2*		

### TASC Test Prep

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	Unit 1: Language Arts - Reading Literacy						
	Assignments						
Test Prep	1.	Overview and Diagnostic Test	9.	Relationships Between Texts			
	2.	Identify Main Ideas and Summarize Text	10.	Plot and Theme			
ĕ	3.	Analyze the Structures of Texts	11.	Understanding Characters			
TASC	4.	Cause and Effect, Compare and Contrast	12.	Understanding Point of View			
TA	5.	Drawing Conclusions and Making Generalizations	13.	Figurative Language			
	6.	Analyzing Language, Tone, and Word Choice	14.	Evaluate Diverse Media and Formats			
	7.	Understanding Academic Language	15.	Review Test			
	8.	Analyzing Arguments and Claims					

	Unit 2: Language Arts - Writing							
C Test Prep	Assignments							
	1.	Overview and Diagnostic Test	7.	Understanding the WritingPrompt				
	2.	Sentence Structure	8.	Planning and Organizing Your Writing				
	3.	Sentence Errors: Run-ons and Comma Splices, and	9.	Developing a Thesis				
TASC		Parallelism	10.	Write Arguments to Support a Claim				
-	4.	Capitalization and Punctuation	11.	Strengthening Writing				
	5.	Possessives and Contractions	12.	Review Test				
	6.	Commonly Confused Words/Homonyms						

Uni	Unit 3: Mathematics						
Ass	Assignments						
1.	Overview and Diagnostic Test	10.	Probability				
2.	Numbers, Value, and Order of Operations	11.	Statistics				
3.	Complex Numbers	12.	Combinations and Permutations				
4.	Expressions and Equations	13.	Algebraic Expressions and Functions				
5.	Measurement	14.	Polynomials				
6.	Perimeter, Surface Area, Volume, Length, Angles	15.	Interpreting Functions				
7.	Expressing Geometric Figures	16.	Reasoning with Equations and Inequalities				
8.	Lines and Triangles	17.	Review Test				
9.	Circles						

	Unit	Unit 4: Social Studies						
	Assi	Assignments						
Prep	1.	Overview and Diagnostic Test	9.	The Role of the Citizen				
St P	2.	Civil War and Reconstruction	10.	Politics and Government				
Test	3.	The Industrial Era	11.	Economic Basics				
TASC	4.	Post-warUnitedStates(1940s-1970s)	12.	Government and Economics				
ΤA	5.	Age of Revolutions (1750-1914)	13.	Micro-and Macroeconomics				
	6.	Crisis and Achievement (1900-1945)	14.	Places and Regions				
	7.	The World Since 1945	15.	Environment and Society				
	8.	TheConstitution	16.	Review Test				

	Unit	Unit 5: Science					
	Assi	Assignments					
Prep	1.	Overview and Diagnostic Test	9.	Earth Systems			
st P	2.	Cell Structures and Function	10.	Earth's Place in the Universe			
Test	3.	Cell Division and Reproduction	11.	Matter			
TASC	4.	Ecosystems	12.	Motion and Forces			
ΤA	5.	Human Body Systems and Health	13.	Types of Energy			
	6.	Heredity and Genetics	14.	Waves			
	7.	Theories of Evolution and Natural Selection	15.	Review Test			
	8.	Earth and Earth's Resources					

	Unit	Unit 6: TASC Practice Tests					
	Assi	gnments					
İ	1.	Reasoning Through Language Arts, Part 1	16.	Reasoning Through Language Arts, Part 2: Alternate			
	2.	Reasoning Through Language Arts, Part 2		Test 2*			
	3.	Reasoning Through Language Arts, Part 3	17.	Reasoning Through Language Arts, Part 3: Alternate			
	4.	Mathematical Reasoning, Part 1		Test 2*			
	5.	Mathematical Reasoning, Part 2	18.	Mathematical Reasoning, Part 1: Alternate Test 2*			
0	6.	Social Studies, Part 1	19.	Mathematical Reasoning, Part 2: Alternate Test 2*			
Prep	7.	Science, Part 1	20.	Social Studies, Part 1: Alternate Test 2*			
Test F	8.	Reasoning Through Language Arts, Part 1: Alternate	21.	Science, Part 1: Alternate Test 2*			
Ĭ.		Test 1*	22.	Reasoning Through Language Arts, Part 1: Alternate			
TASC	9.	Reasoning Through Language Arts, Part 2: Alternate		Test 3*			
Ê		Test 1*	23.	Reasoning Through Language Arts, Part 2: Alternate			
	10.	Reasoning Through Language Arts, Part 3: Alternate		Test 3*			
		Test 1*	24.	Reasoning Through Language Arts, Part 3: Alternate			
	11.	Mathematical Reasoning, Part 1: Alternate Test 1*		Test 3*			
	12.	Mathematical Reasoning, Part 2: Alternate Test 1*	25.	Mathematical Reasoning, Part 1: Alternate Test 3*			
	13.	Social Studies, Part 1: Alternate Test 1*	26.	Mathematical Reasoning, Part 2: Alternate Test 3*			
	14.	Science, Part 1: Alternate Test 1*	27.	Social Studies, Part 1: Alternate Test 3*			
	15.	Reasoning Through Language Arts, Part 1: Alternate Test 2*	28.	Science, Part 1: Alternate Test 3*			

# **College Entrance**

## ACT® Test Prep

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CT®TestPrep	Unit	t 1: Orientation to the ACT®			
	Assi	gnments			
	1.	Introduction and Overview to the ACT	3.	Glossary and Credits	
AC	2.	Test Tips			

#### Unit 2: The ACT® English Test **Assignments** $Overview of the ACT \, English \, Test$ Word Use 1. 6. 2. Punctuation, Grammar, and Usage7. Writing Strategy and Style 3. Sentence and Paragraph Structure 8. English PracticeTest Sentence and Paragraph Structure: Pronouns Glossary and Credits Sentence and Paragraph Structure: Syntax and Style

ACT® Test Prep	Unit	Unit 3: The ACT® Mathematics Test						
	Assi	Assignments						
	1.	Overview of the ACT Mathematics Test	4.	Plane Geometry/Trigonometry				
	2.	Elementary Algebra	5.	Mathematics Practice Test				
,	3.	Intermediate Algebra/Coordinate Geometry	6.	Glossary and Credits				

ACT® Test Prep	Unit	Unit 4: The ACT <sup>®</sup> Reading Test						
	Assi	Assignments						
	1.	Overview of the ACT Reading Test	4.	Nonfiction				
	2.	Balance and Efficiency	5.	Reading Practice Test				
	3.	Fiction	6.	Glossary and Credits				

® Test Prep	Unit 5: The ACT <sup>®</sup> Science Test						
	Assignments						
	1.	Overview of the ACT Science Test	4.	Conflicting Viewpoints			
ACT	2.	Data Representation	5.	Science Practice Test			
Ì	3.	Research Summaries	6.	Glossary and Credits			

<sup>2</sup> rep	Unit	Unit 6: The ACT® Writing Test					
TestP	Assi	gnments					
E.	1.	Overview of the ACT Writing Test	3,	PromptsforPractice			
AC	2.	Samples and Comparison 4	4.	Glossary and Credits			

	Unit 7: Practice Test				
	Assi	gnments			
ф	1.	ACTPracticeTest: English	9.	ACT Practice Test - Alternate Test 2: English*	
Test Prep	2.	ACT Practice Test: Math	10.	ACT Practice Test - Alternate Test 2: Math*	
Tes	3.	ACT PracticeTest: Reading	11.	ACTPracticeTest-AlternateTest2:Reading*	
ACT®	4.	ACT Practice Test: Science	12.	ACT Practice Test - Alternate Test 2: Science*	
Ä	5.	ACT Practice Test - Alternate Test 1: English*	13.	ACTPracticeTest-AlternateTest3:English*	
	6.	ACT Practice Test - Alternate Test 1: Math*	14.	ACT Practice Test - Alternate Test 3: Math*	
	7.	ACT Practice Test - Alternate Test 1: Reading*	15.	ACTPracticeTest-AlternateTest3:Reading*	
	8.	ACT Practice Test - Alternate Test 1: Science*	16.	ACT Practice Test - Alternate Test 3: Science*	

#### **Test Prep**

#### Essentials of Language Arts

Essentials of Language Arts is a semester-length review of the fundamentals of reading informational and literary texts, and writing a variety of creative and expository compositions. This course is useful at the high school level for basic conceptual and skill remediation, and/or practice necessary to prepare for a state exam.

Upon successfully completing the course, the student should have mastered the following concepts and skills:

#### I. Informational Texts

- Recognize the elements and characteristics of different kinds of informational texts: expository, procedural, persuasive, and literary nonfiction.
- Navigate, interpret, and evaluate informational texts.
- Identify and analyze the author's purpose in a variety of informational texts.
- Understand and use the conventions of workplace documents and business writing.
- Distinguish and analyze claims in informational texts (main idea, topics, evidence, etc.).
- Use knowledge of literal and figurative language and context clues to determine the meaning of unknown words.
- Understand and analyze the organizational pattern of informational texts.
- Examine the use of visual elements that support written texts.
- Draw reasonable inferences from informational texts.
- Identify, analyze, and evaluate arguments.

#### II. Literary Texts

- Recognize the elements and characteristics of different literary genres: poetry, drama, and fiction.
- Recognize and analyze the structure of poetry, drama, and narrative prose.
- Draw inferences from explicit and implicit information.
- Identify and analyze elements of literary texts: plot, setting, characterization, theme.
- Identify and analyze literary devices: imagery, tone, point of view, flashback, foreshadowing, figurative language.
- Understand the influence of culture, history, and an author's background on diction, style, and elements of narrative fiction.

#### III. Writing

- Understand and apply the writing process.
- Recognize and compose a clear thesis statement.
- Recognize and evaluate organizational patterns for an essay.
- Identify and analyze evidence for relevance to a topic or argument.
- Understand and use evidence to support claims and arguments.
- Identify and select meaningful, descriptive, and expressive words.
- Recognize, use, and evaluate effective grammar, sentence construction, clause coordination, agreement, number, tense, word choice, mechanics, and conventions.
- Write a business letter.
- Write a literary analysis.

Arts	Unit 1: Reading Informational Text							
	Assi	Assignments						
Language	1.	Consumer Materials	8.	Quiz 2: Understanding Informational Texts				
Lar	2.	Workplace Documents	9.	Evaluating a Consumer/Workplace Text				
s of	3.	Quiz 1: Navigating Information Texts	10.	Evaluating an Argument or Position				
Essentials	4.	Main Idea	11.	Quiz 3: Evaluating Informational Text				
sen	5.	Language Use	12.	Writing Applications - Business Letter				
Щ	6.	Organization	13.	Test				
	7.	Conclusions and Predictions						

v	Unit 2: Literary Analysis						
e Arts	Assignments						
of Language	1.	Literary Genres	9.	Narrator, Tone, and Point of View			
ang	2.	Nonfiction Genres	10.	Drawing Conclusions			
of L	3.	Quiz 1: Literary Genres	11.	Literary Structures in Drama			
	4.	The Plot	12.	Literary Structures in Poetry			
enti	5.	Characterization	13.	Literary Critique			
Essentials	6.	Theme	14.	Quiz 3: Literary Analysis			
	7.	Quiz 2: Literary Analysis	15.	Writing Applications - Response to Literature			
	8.	Literary Devices	16.	Test			

Arts	Unit	Unit 3: Basics of Essay Writing						
uage.	Assignments							
angı	1.	Writing a Focused Essay	6.	Types of Essays: Expository Essay				
	2.	Writing a Valid Essay	7.	Types of Essays: Persuasive Essay				
tials	3.	WritinganExpressiveEssay	8.	Quiz 2: Types of Essays				
EssentialsofL	4.	Quiz 1: Basics of Essay Writing	9.	Test				
Es	5.	Types of Essays: Biographical Narrative						

Arts	Unit	Unit 4: Effective Writing						
Essentials of Language A	Assi	Assignments						
ngu	1.	Connecting Ideas through Coordination	7.	Using Modifiers Correctly				
ofLa	2.	Keeping Ideas Parallel	8.	Quiz 2: Usage				
also	3.	Connecting Ideas through Subordination	9.	Choosing the RightWords				
enti	4.	Quiz 1: Sentence Structure	10.	Correct Sentence Punctuation				
SSE	5.	Using Verbs Correctly	11.	Quiz 3: WritingConventions				
	6.	Using Nouns and Pronouns Correctly	12.	Test				

Unit	5: Final Exam		
Assi	gnments		
1.	Final Exam	2.	Alternate Final Exam*

#### **Essentials of Mathematics**

Essentials of Mathematics is a semester-length review of the fundamentals taught in Pre-Algebra, Algebra I and Geometry courses and is useful at the high school level for basic skill remediation and/or practice necessary to prepare for a state exam. The course highlights basic mathematical skills through multiple review, practice and sample exam questions.

Upon successfully completing the course, the student should have mastered the following concepts:

- Understand and know how to compute and define rational numbers
- Perform basic operations such as addition, subtraction, multiplication, and division with fractions, decimals, and percents
- Apply basic fundamental rules of exponents as well as scientific notation
- Be able to construct basic and complex geometric shapes; solve for perimeter, area, surface area, and volume
- Use inductive and deductive reasoning, conjectures, and estimation necessary to construct a picture, formula or equation needed for analyzing and solving algebraic and geometric word problems involving basic probability and statistical reasoning, scale factor, graphic representation of quantities, and linear systems of equations
- Solve single variable, absolute value, and linear systems of equations
- Evaluate, solve, and graph linear functions as well as conceptualize the relationship between the independent and dependent variable of a function
- Simplify and perform operations with radical expressions and polynomials
- Understand and know how to apply the slope-intercept form of a line, slope formula, and Pythagorean theorem

	Unit	Unit 1: Number Sense						
atics	Assi	Assignments						
Mathematics	1.	Course Overview	9.	Fractions and Factoring				
	2.	Reviewing Rational Numbers	10.	Using Exponent Rules				
of N	3.	Absolute Value and Integers	11.	Exponents in Scientific Notation				
als	4.	Quiz 1: Reviewing Rational Numbers	12.	Negative Whole-Number Exponents				
Essentials	5.	Converting Fractions to Decimals and Percents	13.	Powers and Roots				
Ess	6.	Working with Percents (1) Increase and Decrease	14.	Quiz 3: Fractions and Factoring, Exponents, Powers				
	7.	Working with Percents (2) Applications of Percents		and Roots				
	8.	Quiz 2: Fractions, Decimals, and Percents	15.	Test				

atics	Unit	Unit 2: Statistics, Data, Analysis, and Probability						
Mathema	Assignments							
Math	1.	Measures of Central Tendency	6.	Representing Probabilities				
of	2.	Evaluating Statistical Claims	7.	Independent and Dependent Variables				
ıtials	3.	Displaying and Comparing Data Sets	8.	Quiz 2: Probability				
Essentials	4.	Quiz 1: Working with Data	9.	Test				
ш	5.	Outcomes						

tics	Unit 3: Algebra and Functions							
Mathematics	Assignments							
/ath	1.	OrderofOperations	7.	Inverse Operations				
of N	2.	Working with Exponents and Roots	8.	Solving Two-Step Equations and Inequalities				
als	3.	The Distributive Property	9.	Writing Mathematical Statements				
Essentials	4.	Add and Subtract Polynomials	10.	Quiz 2: Solving Equations and Inequalities				
Ess	5.	Multiply and Divide Polynomials	11.	Test				
	6.	Quiz 1: Simplifying Expressions						

	Unit 4: Measurement and Geometry						
of Mathematics	Assignments						
ems	1.	Measurement Systems	9.	Complex 3D Objects			
lath	2.	Scale Drawings and Models	10.	Geometric Shapes: Scale Factors			
of N	3.	Measures of Rates and Products	11.	Quiz 2: ComplexObjects			
	4.	Perimeter and Area: 2D Figures	12.	Pythagorean Theorem			
Essentials	5.	Surface Area and Volume: 3D Figures	13.	Coordinate Graphs			
Ess	6.	Quiz 1: Measurement and Geometry	14.	Transformations and Congruent Figures			
	7.	Converting Between Units of Measure	15.	Quiz 3: CoordinateGeometry			
	8.	Complex 2D Objects	16.	Test			

atics	Unit 5: Mathematical Reasoning						
them	Assignments						
Ma	1.	Analyzing Problems	5.	Inductive and Deductive Reasoning			
als of	2.	Making Conjectures	6.	Solving Problems			
Essentials	3.	Estimation(1)	7.	Quiz 1: Mathematical Reasoning			
	4.	Estimation(2)	8.	Test			

	Unit 6: Algebra I						
SO	Assignments						
Essentials of Mathematics	1.	Graphs and Charts	10.	Solving Linear Inequalities			
the	2.	Represent Data	11.	Quiz 2: Equations			
×	3.	Graphing Linear Functions	12.	Multi-Step Word Problems (Rate)			
s of	4.	Parallel Lines	13.	Multi-Step Word Problems (Work)			
utial	5.	Solutions of Linear Equations	14.	Multi-Step Word Problems (Percent Mixture)			
ssei	6.	Graphing Higher Power Functions	15.	System of Equations			
Ш	7.	Quiz 1: Graphing	16.	System of LinearInequalities			
	8.	Solving Absolute Value Inequalities	17.	Quiz 3: Equations			
	9.	SolvingLinearEquations	18.	Test			

Unit 7: Final Exam			
Assignments			
1.	Final Exam	2.	Alternate Final Exam*

# **Skills Diagnostic**

### English Grammar Skills Diagnostic

Unit	Unit 1: (1.1)_Alphabetical Order					
Assi	gnments					
1.	Pretest: Alphabetical Order	4.	Supplemental Lesson 1			
2.	Understanding Alphabetical Order	5.	Supplemental Lesson 2			
3.	Retest: Alphabetical Order					

Unit 2: (1.2)_Syllable Division					
Assignments					
1.	Pretest: Syllable Division	3.	Retest: Syllable Division		
2.	Syllable Division				

Unit 3: (1.3)_Nouns					
Assi	gnments				
1.	Pretest: Nouns	5.	Supplemental Lesson 2		
2.	Nouns	6.	Supplemental Lesson 3		
3.	Retest: Nouns	7.	Supplemental Lesson 4		
4.	Supplemental Lesson 1				

Unit	Init 4: (1.4 <u>)</u> Pronouns					
Assi	Assignments					
1.	Pretest: Pronouns	5.	Supplemental Lesson 2			
2.	Pronouns	6.	Supplemental Lesson 3			
3.	Retest: Pronouns	7.	Supplemental Lesson 4			
4.	Supplemental Lesson 1					

Unit	5: (1.5)_Verbs		
Assi	gnments		
1.	Pretest: Verbs	4.	Supplemental Lesson 1
2.	Verbs	5.	Supplemental Lesson 2
3.	Retest: Verbs	6.	Supplemental Lesson 3

Unit	6: (1.6)_Helping Verbs And Verb Phrases		
Assignments			
1.	Pretest: Helping Verbs and Verb Phrases	3.	Retest: Helping Verbs and Verb Phrases
2.	Helping Verbs and Verb Phrases		

Unit	Unit 7: (1.7)_Verb Tenses					
Assi	gnments					
1.	Pretest: Verb Tenses 4		Supplemental Lesson 1			
2.	VerbTenses 5.		Supplemental Lesson 2			
3.	Retest: Verb Tenses					

Unit 8: (1.8)_Confusing Verbs					
Assi	gnments				
1.	Pretest: Verb Tenses 4		Supplemental Lesson 1		
2.	VerbTenses 5		Supplemental Lesson 2		
3.	Retest: Verb Tenses				

Unit	9: (2.1)_Adjectives		
Assi	gnments		
1.	Pretest: Adjectives	6.	Supplemental Lesson 3
2.	Adjectives	7.	Supplemental Lesson 4
3.	Retest: Adjectives	8.	Supplemental Lesson 5
4.	Supplemental Lesson 1	9.	Supplemental Lesson 6
5.	Supplemental Lesson 2	10.	Supplemental Lesson 7

Unit 10: (2.2)_Adverbs				
Assi	gnments			
1.	Pretest: Adverbs	6.	Supplemental Lesson 3	
2.	Adverbs	7.	Supplemental Lesson 4	
3.	Retest: Adverbs	8.	Supplemental Lesson 5	
4.	Supplemental Lesson 1	9.	Supplemental Lesson 6	
5.	Supplemental Lesson 2	10.	Supplemental Lesson 7	

Unit 11: (2.3) Prepositions/Prepositional Phrases					
Assignments					
1.	Pretest: Prepositions/Prepositional Phrases	3.	Retest: Prepositions/PrepositionalPhrases		
2.	Prepositions/Prepositional Phrases	4.	Supplemental Lesson 1		

Ur	Unit 12: (2.4)Conjunctions/Conjunctive Adverbs				
As	Assignments				
1	Pretest: Conjunctions/Conjunctive Adverbs	3.	Retest: Conjunctions/Conjunctive Adverbs		
2	Conjunctions/Conjunctive Adverbs	4.	Supplemental Lesson 1		

Uni	Unit 13: (2.5)_Complements					
Assi	ignments					
1.	Pretest: Complements	3.	Retest: Complements			
2.	Complements					

Un	Unit 14: (3.1)_Punctuation And Capitalization				
Ass	signments				
1.	Pretest: Punctuation and Capitalization	4.	Supplemental Lesson 1		
2.	Punctuation and Capitalization	5.	Supplemental Lesson 2		
3.	Retest: Punctuation and Capitalization	6.	Supplemental Lesson 3		

Unit 15: (3.2)_Comma Rules					
Assi	gnments				
1.	Pretest: Comma Rules	3.	Retest: Comma Rules		
2.	CommaRules	4.	Supplemental Lesson 1		

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	Unit	16: (3.3)_Abbreviations, Apostrophes, Hyphens		
Assignments				
	1.	Pretest: Abbreviations, Apostrophes, Hyphens	5.	Supplemental Lesson 2
	2.	Abbreviations, Apostrophes, Hyphens	6.	Supplemental Lesson 3
	3.	Retest: Abbreviations, Apostrophes, Hyphens	7.	Supplemental Lesson 4
	4.	Supplemental Lesson 1	8.	Supplemental Lesson 5

Unit 17: (3.4)_Noun Plurals And Possessives					
Assi	gnments				
1.	Pretest: Noun Plurals and Possessives	6.	Supplemental Lesson 3		
2.	Noun Plurals and Possessives	7.	Supplemental Lesson 4		
3.	Retest: Noun Plurals and Possessives	8.	Supplemental Lesson 5		
4.	Supplemental Lesson 1	9.	Supplemental Lesson 6		
5.	Supplemental Lesson 2				

Unit	Unit 18: (3.5)_Quotation Marks				
Assi	gnments				
1.	Pretest: Quotation Marks 4.		Supplemental Lesson 1		
2.	Quotation Marks 5.		Supplemental Lesson 2		
3.	Retest: Quotation Marks				

Unit	Unit 19: (3.6)_Prefixes And Suffixes					
Assignments						
1.	Pretest: Prefixes and Suffixes	3.	Retest: Prefixes and Suffixes			
2.	Prefixes and Suffixes	4.	Supplemental Lesson 1			

Unit 20: (4.1)_The Sentence				
Assi	gnments			
1.	Pretest: The Sentence	4.	Supplemental Lesson 1	
2.	The Sentence	5.	Supplemental Lesson 2	
3.	Retest: The Sentence	6.	Supplemental Lesson 3	

Unit 21: (4.2)_Subject/Verb Agreement			
Assignments			
1.	Pretest: Subject/Verb Agreement	3.	Retest: Subject/Verb Agreement
2.	Subject/Verb Agreement	4.	Supplemental Lesson 1

ι	Unit 22: (4.3)Pronoun/Antecedent Agreement				
A	Assiç	gnments			
	1.	Pretest: Pronoun/Antecedent Agreement	4.	Supplemental Lesson 1	
	2.	Pronoun/Antecedent Agreement	5.	Supplemental Lesson 2	
	3.	Retest: Pronoun/Antecedent Agreement	6.	Supplemental Lesson 3	

	Unit	Unit 23: (4.4)_Sentence Patterns					
Assignments							
	1.	Pretest: Sentence Patterns	5.	Supplemental Lesson 2			
	2.	Sentence Patterns	6.	Supplemental Lesson 3			
	3.	Retest: Sentence Patterns	7.	Supplemental Lesson 4			
	4.	Supplemental Lesson 1	8.	Supplemental Lesson 5			

Uni	Unit 24: (4.5)_Sentence Types				
Ass	ignments				
1.	Pretest: Sentence Types	5.	Supplemental Lesson 2		
2.	Sentence Types	6.	Supplemental Lesson 3		
3.	Retest: Sentence Types	7.	Supplemental Lesson 4		
4.	Supplemental Lesson 1				

	Unit 25: (4.6)_Synonyms, Antonyms, Homonyms				
Assignments					
	1.	Pretest: Synonyms, Antonyms, Homonyms	5.	Supplemental Lesson 2	
	2.	Synonyms, Antonyms, Homonyms	6.	Supplemental Lesson 3	
	3.	Retest: Synonyms, Antonyms, Homonyms	7.	Supplemental Lesson 4	
	4.	Supplemental Lesson 1			

Unit 26: (4.7)_Topic Sentence			
Assi	gnments		
1.	Pretest: Topic Sentence	3.	Retest: Topic Sentence
2.	Topic Sentence	4.	Supplemental Lesson 1

	Unit	Unit 27: (5.1)_Paragraphs				
·	Assi	gnments				
	1.	Pretest: Paragraphs	5.	Supplemental Lesson 2		
	2.	Paragraphs	6.	Supplemental Lesson 3		
	3.	Retest: Paragraphs	7.	Supplemental Lesson 4		
	4.	Supplemental Lesson 1	8.	Supplemental Lesson 5		

Unit	Unit 28: (5.2)_Letter Writing				
Assi	gnments				
1.	Pretest: Letter Writing	5.	Supplemental Lesson 2		
2.	Letter Writing	6.	Supplemental Lesson 3		
3.	Retest: Letter Writing	7.	Supplemental Lesson 4		
4.	Supplemental Lesson 1				

U	Unit 29: (5.3)_Dictionary				
Α	ssiç	gnments			
	1.	Pretest: Dictionary	5. Supplemental Lesson 2		
	2.	Dictionary	6. Supplemental Lesson 3		
	3.	Retest: Dictionary	7. Supplemental Lesson 4		
	4.	Supplemental Lesson 1			

Unit 30: (5.4)_Library Resources				
Assi	gnments			
1.	Pretest:LibraryResources 5	5.	Supplemental Lesson 2	
2.	Library Resources 6	<b>)</b> .	Supplemental Lesson 3	
3.	Retest: Library Resources 7	<b>'</b> .	Supplemental Lesson 4	
4.	Supplemental Lesson 1			

	Unit 31: (5.5)_Using Resource Books					
Assignments						
	1.	Pretest: Using Resource Books	5.	Supplemental Lesson 2		
	2.	Using Resource Books	6.	Supplemental Lesson 3		
	3.	Retest: Using Resource Books	7.	Supplemental Lesson 4		
	4.	Supplemental Lesson 1	8.	Supplemental Lesson 5		

Unit 32: (5.6)_Report Writing						
Assi	gnments					
1.	Pretest: ReportWriting	5.	Supplemental Lesson 2			
2.	Report Writing	6.	Supplemental Lesson 3			
3.	Retest: ReportWriting	7.	Supplemental Lesson 4			
4.	Supplemental Lesson 1	8.	Supplemental Lesson 5			

## Math Skills Diagnostic

Diagnostic	Unit	t 1: (1.1)_Whole Numbers				
agno	Assignments					
	1.	Pretest: Whole Numbers	5.	Supplemental Lesson 2		
MathSkills	2.	Understanding Whole Numbers	6.	Supplemental Lesson 3		
ath	3.	Retest: Whole Numbers	7.	Supplemental Lesson 4		
Σ	4.	Supplemental Lesson 1				

ostic	Uni	Unit 2: (1.2)_Place Value							
Diagnost	Assi	gnments							
sDi	1.	Pretest: Place Value	5.	Supplemental Lesson 2					
Skills	2.	Place Value Place Value	6.	Supplemental Lesson 3					
Math∶	3.	Retest: Place Value	7.	Supplemental Lesson 4					
Σ	4.	Supplemental Lesson 1	8.	Supplemental Lesson 5					

ostic	Unit	Unit 3: (1.3)_Add and Carry						
MathSkillsDiagnostic	Assignments							
	1.	Pretest: Add and Carry	5.	Supplemental Lesson 2				
Ski	2.	AddandCarry	6.	Supplemental Lesson 3				
ath:	3.	Retest: Add and Carry	7.	Supplemental Lesson 4				
Σ	4.	Supplemental Lesson 1	8.	Supplemental Lesson 5				

ပ	Unit	4: (1.4)_Borrow and Subtract					
Diagnostic	Assignments						
Jiag	1.	Pretest: Borrowand Subtract	7.	Supplemental Lesson 4			
	2.	Borrow and Subtract	8.	Supplemental Lesson 5			
Skills	3.	Retest: Borrowand Subtract	9.	Supplemental Lesson 6			
Math	4.	Supplemental Lesson 1	10.	Supplemental Lesson 7			
Σ	5.	Supplemental Lesson 2	11.	Supplemental Lesson 8			
	6.	Supplemental Lesson 3					

ပ	Unit	5: (1.5)_Round Whole Numbers			
Diagnostic	Assi	gnments			
Jiag	1.	Pretest: Round Whole Numbers	7.	Supplemental Lesson 4	
<u>s</u>	2.	Round Whole Numbers	8.	Supplemental Lesson 5	
Skills	3.	Retest: Round Whole Numbers	9.	Supplemental Lesson 6	
Math	4.	Supplemental Lesson 1	10.	Supplemental Lesson 7	
Σ	5.	Supplemental Lesson 2	11.	Supplemental Lesson 8	
	6.	Supplemental Lesson 3			

ပ	Unit	6: (1.6)_Estimate by Rounding		
Diagnostic	Assi	gnments		
Jiag	1.	Pretest: Estimate By Rounding	7.	Supplemental Lesson 4
	2.	Estimate By Rounding	8.	Supplemental Lesson 5
Skills	3.	Retest: Estimate By Rounding	9.	Supplemental Lesson 6
Math	4.	Supplemental Lesson 1	10.	Supplemental Lesson 7
Σ	5.	Supplemental Lesson 2	11.	Supplemental Lesson 8
	6.	Supplemental Lesson 3		

Diagnostic	Unit	t 7: (1.7)_Multiply/Divide Whole Numbers				
	Assignments					
	1.	Pretest: Multiply/Divide Whole Numbers	6.	Supplemental Lesson 3		
Skills	2.	Multiply/Divide Whole Numbers	7.	Supplemental Lesson 4		
S	3.	Retest: Multiply/Divide Whole Numbers	8.	Supplemental Lesson 5		
Math	4.	Supplemental Lesson 1	9.	Supplemental Lesson 6		
	5.	Supplemental Lesson 2				

Diagnostic	Unit	8: (1.8)_Solve Word Problems		
	Assi	gnments		
Skills [	1.	Pretest: Solve Word Problems	4.	Supplemental Lesson 1
h Sk	2.	Solve Word Problems	5.	Supplemental Lesson 2
Math	3.	Retest: Solve Word Problems	6.	Supplemental Lesson 3

Math Skills Diagnostic	Unit	Unit 9: (2.1)_Common Fractions							
aguc	Assi	gnments							
IsDi	1.	Pretest: Common Fractions	5.	Supplemental Lesson 2					
Skii	2.	Common Fractions	6.	Supplemental Lesson 3					
ath	3.	Retest: Common Fractions	7.	Supplemental Lesson 4					
Σ	4.	Supplemental Lesson 1	8.	Supplemental Lesson 5					

Math Skills Diagnostic	Unit	10: (2.2)Add/Subtract Fractions			
	Assi	gnments			
IsDi	1.	Pretest: Add/Subtract Fractions	5.	Supplemental Lesson 2	
.≡ S	2.	Add/Subtract Fractions	6.	Supplemental Lesson 3	
ath	3.	Retest: Add/Subtract Fractions	7.	Supplemental Lesson 4	
Σ	4.	Supplemental Lesson 1			

Diagnostic	Unit	t 11: (2.3 <u>)</u> Common Denominators			
	Assi	gnments			
Skills [	1.	Pretest: Common Denominators	4.	Supplemental Lesson 1	
ys V	2.	Common Denominators	5.	Supplemental Lesson 2	
Math	3.	Retest: Common Denominators			

Math Skills Diagnostic	Unit	12: (2.4)Add/Subtract Unlike Fractions		
	Assi	gnments		
	1.	Pretest: Add/Subtract Unlike Fractions	5.	Supplemental Lesson 2
SK:	2.	Add/Subtract Unlike Fractions	6.	Supplemental Lesson 3
Math:	3.	Retest: Add/Subtract Unlike Fractions	7.	Supplemental Lesson 4
	4.	Supplemental Lesson 1	8.	Supplemental Lesson 5

ostic	Unit	Unit 13: (2.5)Simplify/Reduce Fractions						
Math Skills Diagnostic	Assi	gnments						
IS Di	1.	Pretest: Simplify/Reduce Fractions	5.	Supplemental Lesson 2				
Skii	2.	Simplify/ReduceFractions	6.	Supplemental Lesson 3				
ath	3.	Retest: Simplify/Reduce Fractions	7.	Supplemental Lesson 4				
Σ	4.	Supplemental Lesson 1						

Math Skills Diagnostic	Unit	14: (2.6)Add/Subtract Mixed Fractions			
	Assi	gnments			
IsDi	1.	Pretest: Add/Subtract Mixed Fractions	5.	Supplemental Lesson 2	
SK≡	2.	Add/Subtract Mixed Fractions	6.	Supplemental Lesson 3	
ath	3.	Retest: Add/Subtract Mixed Fractions	7.	Supplemental Lesson 4	
Σ	4.	Supplemental Lesson 1			

ostic	Unit	Unit 15: (2.7)_Multiply/Divide Mixed Numbers					
agno	Assi	gnments					
IsDi	1.	Pretest: Multiply/Divide Mixed Numbers	5.	Supplemental Lesson 2			
SK:	2.	Multiply/DivideMixedNumbers	6.	Supplemental Lesson 3			
Math Skills Diagnostic	3.	Retest: Multiply/Divide Mixed Numbers	7.	Supplemental Lesson 4			
	4.	Supplemental Lesson 1					

Diagnostic	Unit	: 16: (2.8)_Word Problems With Fractions		
	Assi	gnments		
Math Skills [	1.	Pretest: Word Problems with Fractions	4.	Supplemental Lesson 1
	2.	Word Problems with Fractions	5.	Supplemental Lesson 2
	3.	Retest: Word Problems with Fractions	6.	Supplemental Lesson 3

Diagnostic	Unit	Unit 17: (3.1)_Decimals					
agno	Assi	gnments					
Is Di	1.	Pretest: Decimals	5.	Pretest: Decimals			
Skills	2.	Decimals	6.	Decimals			
Math	3.	Retest: Decimals	7.	Retest: Decimals			
	4.	Supplemental Lesson 1	8.	Supplemental Lesson 1			

Math Skills Diagnostic	Unit	Unit 18: (3.2)_Converting Fractions and Decimals					
agno	Assi	gnments					
SDi	1.	Pretest: Converting Fractions and Decimals	5.	Supplemental Lesson 2			
SKi	2.	Converting Fractions and Decimals	6.	Supplemental Lesson 3			
ath	3.	Retest: Converting Fractions and Decimals	7.	Supplemental Lesson 4			
Σ	4.	Supplemental Lesson 1					

ostic	Unit	Unit 19: (3.3)_Adding and Subtracting Decimals					
Diagnostic	Assi	gnments					
IsDi	1.	Pretest: Adding and Subtracting Decimals	5.	Supplemental Lesson 2			
Skills	2.	Adding and Subtracting Decimals	6.	Supplemental Lesson 3			
Math	3.	Retest: Adding and Subtracting Decimals	7.	Supplemental Lesson 4			
Σ	4.	Supplemental Lesson 1					

ostic	Unit	Unit 20: (3.4) Multiplying Decimals						
Math Skills Diagnostic	Assi	gnments						
IS Di	1.	Pretest: Multiplying Decimals	5.	Supplemental Lesson 2				
Skii	2.	Multiplying Decimals	6.	Supplemental Lesson 3				
ath	3.	Retest: Multiplying Decimals	7.	Supplemental Lesson 4				
Σ	4.	Supplemental Lesson 1						

Diagnostic	Unit 21: (3.5)_Dividing Decimals					
	Assignments					
	1.	Pretest: Dividing Decimals	6.	Supplemental Lesson 3		
Skills	2.	Dividing Decimals	7.	Supplemental Lesson 4		
S	3.	Retest: Dividing Decimals	8.	Supplemental Lesson 5		
Math	4.	Supplemental Lesson 1	9.	Supplemental Lesson 6		
	5.	Supplemental Lesson 2				

Diagnostic	Unit 22: (3.6)_Percents					
	Assignments					
	1.	Pretest: Percents	6.	Supplemental Lesson 3		
Skills	2.	Percents	7.	Supplemental Lesson 4		
S	3.	Retest: Percents	8.	Supplemental Lesson 5		
Math	4.	Supplemental Lesson 1	9.	Supplemental Lesson 6		
	5.	Supplemental Lesson 2	10.	Supplemental Lesson 7		

ostic	Unit 23: (4.1)_Graphs						
IsDiagnostic	Assignments						
	1.	Pretest: Graphs	5.	Supplemental Lesson 2			
Skills	2.	Graphs	6.	Supplemental Lesson 3			
Math	3.	Retest: Graphs	7.	Supplemental Lesson 4			
	4.	Supplemental Lesson 1					

Math Skills Diagnostic	Unit	24: (4.2)_Distance, Rate, and Time				
	Assi	Assignments				
	1.	Pretest: Distance, Rate, and Time	3.	Retest: Distance, Rate, and Time		
	2.	Distance, Rate, and Time	4.	Supplemental Lesson 1		

<u>.0</u>	Unit	Unit 25: (4.3 <u>)</u> Ratios and Proportions					
Diagnostic	Assi	gnments					
Diagi	1.	Pretest: Ratios and Proportions	7.	Supplemental Lesson 4			
	2.	Ratios and Proportions	8.	Supplemental Lesson 5			
Skills	3.	Retest: Ratios and Proportions	9.	Supplemental Lesson 6			
Math	4.	Supplemental Lesson 1	10.	Supplemental Lesson 7			
Σ	5.	Supplemental Lesson 2	11.	Supplemental Lesson 8			
	6.	Supplemental Lesson 3					

Math Skills Diagnostic	Unit 26: (4.4)_Probability					
agno	Assi	gnments				
IsDi	1.	Pretest: Probability	5.		Supplemental Lesson 2	
.≡ S	2.	Probability	6.		Supplemental Lesson 3	
ath	3.	Retest: Probability	7.		Supplemental Lesson 4	
Ž	4.	Supplemental Lesson 1				

stic	Unit 27: (4.5)Conversion Of Units/Dimensional Analysis					
Diagnostic	Assi	Assignments				
	1.	Pretest: Conversion of Units/Dimensional Analysis	6.	Supplemental Lesson 3		
Skills	2.	Conversion of Units/Dimensional Analysis	7.	Supplemental Lesson 4		
S H	3.	Retest: Conversion of Units/Dimensional Analysis	8.	Supplemental Lesson 5		
Math	4.	Supplemental Lesson 1	9.	Supplemental Lesson 6		
	5.	Supplemental Lesson 2				

ostic	Unit 28: (5.1)_Square Roots/Pythagorean Theorem					
Math Skills Diagnostic	Assi	gnments				
	1.	Pretest: Square Roots/Pythagorean Theorem	5.	Supplemental Lesson 2		
SK	2.	Square Roots/Pythagorean Theorem	6.	Supplemental Lesson 3		
Math:	3.	Retest: Square Roots/Pythagorean Theorem	7.	Supplemental Lesson 4		
	4.	Supplemental Lesson 1	8.	Supplemental Lesson 5		

<u>8</u> 0	Unit	29: (5.2)_Signed Numbers		
Skills nostic	Assi	gnments		
Math Diagn	1.	Pretest: Signed Numbers	3.	Retest: Signed Numbers
	2.	Signed Numbers	4.	Supplemental Lesson 1

Math Skills Diagnostic	Unit	Unit 30: (5.3)_Solving Equations					
	Assi	gnments					
	1.	Pretest: Solving Equations 4.		Supplemental Lesson 1			
	2.	Solving Equations 5.		Supplemental Lesson 2			
	3.	Retest: Solving Equations 6.		Supplemental Lesson 3			

# **Placement Tests**

### History Placement Test

Test	Hist	History and Geography Placement Test Level 3					
aut	Assignments						
Placeme	1.	Geography	6.	Great Lakes States			
lac	2.	New England States	7.	Midwestern States			
Ş	3.	Mid-Atlantic States	8.	Mountain States			
History	4.	Southern-Atlantic States	9.	Pacific States			
王	5.	Southern States					

Test	Hist	History and Geography Placement Test Level 4					
Placement <sup>-</sup>	Assignments						
	1.	Our Earth	6.	The Polar Region			
	2.	Seaport Cities	7.	Mountain Countries			
Ş	3.	DesertLands	8.	Living in IslandCountries			
History	4.	Grasslands	9.	North America			
王	5.	Tropical Rainforests					

Test	History and Geography Placement Test Level 5					
	Assignments					
Placement	1.	Exploring the New World	6.	United by Transportation and Communication		
lac	2.	Colonial American Life	7.	The United States - One Nation With Many Regions		
	3.	Thirteen Colonies Became a New Nation	8.	Our Southern Neighbors		
History	4.	New Lands and Troubled Times	9.	Canada: Our Northern Neighbors		
王	5.	The United States Becomes a World Leader				

Test	Hist	History and Geography Placement Test Level 6						
ent.	Assi	Assignments						
Placeme	1.	World Geography	6.	Seven South American Countries				
	2.	The Cradle of Civilization	7.	Africa				
Σ	3.	The Civilizations of Greece and Rome	8.	Western Europe				
History	4.	Life in the Middle Ages	9.	Eastern Europe				
I	5.	Six South American Countries						

	History and Geography Placement Test Level 7  Assignments					
Test						
Placement <sup>-</sup>	1.	The Beginnings of Human Society	6.	Global Expansion and Encounter, 1450-1770		
	2.	Early Civilizations, 4000-1000 B.C.	7.	Age of Revolutions, 1750-1914		
асе	3.	Classical Traditions, Major Religions, and Giant	8.	A Half-Century of Crisis and Achievement, 1900-		
		Empires, 1000 B.C A.D. 300		1945		
History	4.	Expanding Zones of Exchange and Encounter, A.D.	9.	The Twentieth Century Since 1945: Promises and		
∃ë		300-1000		Paradoxes		
	5.	Political and Economic Societies Expand, A.D. 1000-	10.	World History Across the Eras		
		1500				

Test	Hist	History and Geography Placement Test Level 8						
ent	Assi	gnments						
Placeme	1.	European Backgrounds	6.	The Civil War				
Plac	2.	The Colonization of America	7.	The Industrial Nation				
Z F	3.	WarforIndependence	8.	Twentieth Century WorldPower				
History	4.	The Emergence of a Nation	9.	The United States in a Changing World				
王	5.	The Westward Movement						

Test	History and Geography Placement Test Level 9					
ent	Assignments					
èm	1.	The Earth and Man	6.	State and Local Government		
History Placeme	2.	The Tools of the Geographer	7.	Citizenship		
	3.	Regions of the World	8.	Man's Responsibility		
	4.	The Heritage of the United States	9.	Responsibility to the Future: Planning a Career		
王	5.	Our National Government				

st	Hist	History and Geography Placement Test Level 10					
t Test	Assi	Assignments					
ner	1.	The Beginnings of Human Society	7.	The Age of Revolutions, 1750-1914			
Sen	2.	Early River Valley Civilizations	8.	A Half Century of Crisis and Achievement, 1900-			
Placement	3.	Classical Traditions, Major Religions, and Giant		1945			
		Empires	9.	The 20th Century Since 1945: Promises and			
History	4.	Expanding Zones of Exchange and Encounter		Paradoxes			
I	5.	Intensified Hemispheric Interactions, A.D. 1000-1500	10.	Turning Points in Human History			
	6.	Global Expansion and Encounter					

Test	Hist	History and Geography Placement Test Level 11					
	Assignments						
Placement	1.	Foundations of the American Republic	6.	United States Involvement at Home and Abroad			
lace	2.	Development of Constitutional Government	7.	The Search forPeace			
	3.	National Expansion	8.	A Nation at War			
History	4.	A Nation Divided	9.	Contemporary America			
王	5.	A Nation Divided and United					

	Gov	Government Placement Test Level 12						
HPT	Assi	ignments						
	1.	International Governments	4.	The American Party System				
	2.	History of Governments	5.	The Citizen and Government				
	3.	United States Government						

L I	Eco	nomics Placement Test Level 12			
	Assi	gnments			
웊	1.	Decisions, Decisions	4.	Manipulating the Market	
	2.	EconomicRoles	5.	The Macroeconomy	
	3.	The Market Works			

## Language Arts PlacementTest

Fest	Lan	Language Arts Placement Test Level 3					
nent	Assignments						
Language Arts Placement T	1.	Vowels, Main Idea, Capitalization	7.	Following Directions, Suffixes, Pronouns, Friendly			
	2.	Sentences, Capitalization, ABC Order		Letters			
Art	3.	Dictionary Skills, Word Parts, Vocabulary	8.	Reading a Play, Comparing with Adjectives, Root			
ıage	4.	Parts of Speech, Irregular Vowels, Comprehension		Words			
ngu	5.	Reading to Understand, Commas, Silent Letters	9.	Classifying, References, Thank-You Letters,			
La	6.	Cause and Effect, Homographs, Haiku Poetry		Predicting Outcomes			

Test	Lan	Language Arts Placement Test Level 4						
Placement	Assignments							
lace	1.	Reading and Writing	6.	Rhymes and Reports				
Arts P	2.	Reading for Meaning	7.	Forms of Literature				
	3.	Word Play	8.	Language in Literature				
anguage	4.	Words in Season	9.	Reading and Researching				
Lanç	5.	Reading and Writing Stories						

Test	Lan	Language Arts Placement Test Level 5					
Placement	Assi	ignments					
lace	1.	Language Skills	6.	Poetry			
rts P	2.	Working with Information	7.	Reading Comprehension			
⋖	3.	The Study of Our Language	8.	Working with Words			
anguage	4.	Effective Communication	9.	Reading and StudySkills			
Lan	5.	Reading and Writing Stories					

Test	Lan	Language Arts Placement Test Level 6						
Placement	Assignments							
lace	1.	Elements of Grammar	6.	Literary Forms				
Arts PI	2.	GrammarUsage	7.	Reading for aPurpose				
	3.	ReadingSkills	8.	Poetry				
anguage	4.	Writing Skills	9.	Elements of Drama				
Lanç	5.	Newspapers and Propaganda						

Test	Lan	Language Arts Placement Test Level 7					
Placement	Assi	gnments					
lace	1.	BuildingBlocksforWriting	6.	Communication			
Arts P	2.	Refreshing Your Mechanics Memory	7.	Rules for Writing			
je A	3.	People, Places, Things and Actions	8.	All about Nonfiction			
anguage	4.	Informational Texts: Letters and Directions	9.	Types of Literature			
Lan	5.	Reading and Writing Narratives	10.	Harriet Tubman: A Study Guide			

Test	Lan	Language Arts Placement Test Level 8				
Placement	Assignments					
lace	1.	Strategies for Reading and Writing	6.	The Power of Words		
	2.	Mechanics and the Sentence	7.	Short Stories		
Je A	3.	History of Language and Modern Grammar	8.	Nonfiction Literature		
-anguage Arts	4.	Exposition: The Formal Essay	9.	Functional Texts and Reading Strategies		
Lanç	5.	Persuasion	10.	Sampling Literature		

Test	Lan	Language Arts Placement Test Level 9						
ment	Assignments							
ts Placement	1.	Reading and Writing	6.	Mass Media				
	2.	The Structure of Language	7.	Poetry and ShortStories				
Je Al	3.	Language Use and Language History	8.	The Odyssey				
-anguage Arts	4.	Researching a Complex Process	9.	Romeo And Juliet				
Lanç	5.	Practical Persuasion	10.	Studies in the Novel				

Test	Lan	Language Arts Placement Test Level 10						
Placement	Assignments							
lace	1.	Reading, Writing, and Speaking	6.	Media and You				
	2.	Language Structure	7.	Short Stories				
Je Al	3.	Writing Effective Sentences	8.	Reviewing Literature				
Language Arts	4.	Exposition	9.	Poetry				
Lauć	5.	GetaJob	10.	Drama				

Test	Lan	Language Arts Placement Test Level 11						
Placement	Assignments							
lace	1.	The Uses and Varieties of English	6.	Nonfiction				
Arts P	2.	Writing Effective Sentences	7.	American Drama				
je A	3.	Sentence Workshop	8.	Studies in the American Novel				
anguage	4.	Why Study Reading?	9.	Research				
Lanç	5.	Poetry						

ment Test	Language Arts Placement Test Level 12 Assignments					
anguage Arts Placement	1.	The Worth of Words	6.	Elizabethan Literature		
	2.	The Structure of Language	7.	Seventeenth/Eighteenth-Century English Literature		
le Al	3.	Reading, Researching, and Listening Skills	8.	Romantic and Victorian Poetry		
yuaç	4.	Language: A Unique Gift to Man	9.	Creative Writing		
-anç	5.	Medieval English Literature				

### **Mathematics Placement Test**

Test	Mat	Mathematics Placement Test Level 3						
Placement	Assi	Assignments						
	1.	Whole Numbers	6.	Multiplication, Addition and Subtraction				
SPI	2.	Number Patterns	7.	Operations, Likelihood and Probability				
natik	3.	Whole Numbers and Fractions	8.	Measurement, Fractions and Decimals				
Mathematics	4.	Place Value Place Value	9.	Review Multiple Concepts				
	5.	Measurement, Shapes, and Concept Review						

Test	Matl	Mathematics Placement Test Level 4					
ment	Assignments						
ace	1.	Number Sense and Place Value	6.	Multiplication and Fractions			
SPI	2.	Rounding and Estimation	7.	Fractions and Patterns			
natic	3.	Whole Numbers and Fractions	8.	Division and Fractions			
Mathematics Placement T	4.	Lines and Shapes	9.	Decimals and Fractions			
	5.	Division and Measurement	10.	Graphing and Review			

Test	Matl	Mathematics Placement Test Level 5					
Mathematics PlacementT	Assignments						
	1.	Place Value, Addition, and Subtraction	6.	Factors and Fractions			
R	2.	Multiplying Whole Numbers and Decimals	7.	Fraction Operations			
natic	3.	Dividing Whole Numbers and Decimals	8.	Data Analysis and Probability			
Mathem	4.	Algebra and Graphing	9.	Geometry			
	5.	Measurement	10.	Perimeter, Area, and Volume			

Test	Mat	Mathematics Placement Test Level 6						
ment	Assignments							
Mathematics PlacementT	1.	Whole Numbers and Algebra	6.	Ratio, Proportion and Percent				
	2.	Data Analysis	7.	Probability and Geometry				
	3.	Decimals	8.	Geometry and Measurement				
	4.	Fractions	9.	Integers and Transformations				
	5.	Fraction Operations	10.	Equations and Functions				

Test	Matl	Mathematics Placement Test Level 7					
ment	Assi	gnments					
ace	1.	Integers	6.	Probability and Graphing			
SPI	2.	Fractions	7.	Data Analysis			
natic	3.	Decimals	8.	Geometry			
MathematicsPlacement	4.	Patterns and Equations	9.	Measurement and Area			
	5.	Ratios and Proportions	10.	Surface Area and Volume			

Test	Matl	Mathematics Placement Test Level 8					
mentT	Assignments						
Mathematics Placem	1.	Pre-Algebra: The Real Number System	6.	Pre-Algebra: Measurement			
	2.	Pre-Algebra:Integers	7.	Pre-Algebra: Plane Geometry			
natic	3.	Pre-Algebra: Rational Numbers	8.	Pre-Algebra: Solid Figures			
ther	4.	Pre-Algebra: Proportional Reasoning	9.	Pre-Algebra: Data Analysis			
Mai	5.	Pre-Algebra: Functions	10.	Pre-Algebra: Probability			

Test	Mat	Mathematics Placement Test Level 9					
Mathematics Placement	Assi	Assignments					
	1.	Algebra I: Foundations of Algebra	6.	Algebra I: Polynomials			
	2.	Algebra I: Linear Equations	7.	Algebra I: Exponential and Radical Functions			
	3.	Algebra I: Functions	8.	Algebra I: Quadratics			
	4.	Algebra I: Inequalities	9.	Algebra I: Rational Expressions			
	5.	Algebra I: Linear Systems	10.	Algebra I: Probability and Statistics			

Test	Mat	Mathematics Placement Test Level 10					
ment	Assi	Assignments					
s Placement	1.	Geometry:Introduction	6.	Geometry: Circles			
	2.	Geometry: Logic	7.	Geometry: Area and Volume			
natic	3.	Geometry: Angles and Parallels	8.	Geometry: Coordinate Geometry			
Mathematics	4.	Geometry: Congruent Triangles and Quadrilaterals	9.	Geometry: Transformations			
Mat	5.	Geometry: Similar Polygons					

Test	Mat	Mathematics Placement Test Level 11					
ment	Assi	Assignments					
s Placeme	1.	Algebra II: Set, Structure, and Function	6.	Algebra II: Real Numbers			
	2.	Algebra II: Numbers, Sentences, and Problems	7.	Algebra II: Quadratic Relations and Systems			
natic	3.	Algebra II: Linear Equations and Inequalities	8.	Algebra II: Exponential Functions			
Mathematics	4.	Algebra II: Polynomials	9.	Algebra II: Counting Principles			
Mat	5.	Algebra II: AlgebraicFractions					

Test	Mat	Mathematics Placement Test Level 12					
	Assignments						
Placement	1.	Pre-calculus: Relations and Functions	6.	Pre-calculus: Application of Trigonometric Functions			
Pla	2.	Pre-calculus: Functions	7.	Pre-calculus: Inverse Trigonometric Functions and			
ıtics	3.	Pre-calculus: Trigonometric Functions		Polar Coordinates			
eme	4.	Pre-calculus: Circular Functions and their Graphs	8.	Pre-calculus: Quadratic equations			
Mathematics	5.	Pre-calculus: Identities and Functions of Multiple	9.	Pre-calculus: Probability			
2		Angles	10.	Pre-calculus: Calculus and Review			

### Science Placement Test

Test	Unit 1: Science Placement Test Level 3						
Placement	Assignments						
асеп	1.	You Grow and Change	6.	Sound			
	2.	Plants	7.	Time and Seasons			
nce	3.	Animals	8.	Rocks and Their Change			
Science	4.	BodyHealth	9.	Heat Energy			
0)	5.	Properties of Matter					

Test	Unit	Unit 2: Science Placement Test Level 4						
Placement	Assignments							
cer	1.	Plants	6.	Matter and Water				
	2.	Animals	7.	Weather				
nce	3.	The Environment	8.	The Universe and Solar System				
Science	4.	Machines	9.	The Planet Earth				
-0)	5.	Electricity and Magnetism						

Test	Unit	Unit 3: Science Placement Test Level 5						
Placement	Assignments							
ıcen	1.	Cells	6.	Physical Geology				
	2.	Plants: Life Cycles	7.	Records in the Rock: Fossils				
nce	3.	Animals: Life Cycles	8.	Records in Rock: Geology				
Science	4.	The Web of Life	9.	Cycles in Nature				
0)	5.	Transformation of Energy						

Test	Unit	Unit 4: Science Placement Test Level 6						
Placement	Assignments							
ıcen	1.	Plant Systems	6.	Light and Sound				
Pis	2.	The Human Body	7.	Motion				
nce	3.	Animals	8.	Earth and Space				
Science	4.	Reproduction and Genetics	9.	The Sun and Other Stars				
0,	5.	Chemistry						

Test	Unit	Unit 5: Science Placement Test Level 7					
Placement	Assignments						
ıcen	1.	ScientificInquiry	6.	Genetics			
	2.	Matter	7.	Ecology and the Environment			
nce	3.	Energy and Motion	8.	Earth Science			
Science	4.	Biology	9.	Astronomy			
0,	5.	Health and Disease	10.	Life OverTime			

Test	Unit 6: Science Placement Test Level 8							
Placement	Assignments							
icer	1.	Our Atomic World	6.	Oceanography				
	2.	Perceiving Things	7.	Balance in Nature				
uce	3.	Volume	8.	Science and Tomorrow				
Science	4.	Physical Geology	9.	Astronomy				
-07	5.	Historical Geology						

Test	Unit	Unit 7: Science Placement Test Level 9 (Earth Science)					
Placement	Assignments						
сеп	1.	Origin of the Earth	6.	Shaping Earth's Crust			
	2.	History of the Earth	7.	Earth's Water			
nce	3.	Dynamic Structure of Earth	8.	Earth's Atmosphere			
Science	4.	Forces And Features of Earth	9.	Earth's Weather and Climate			
-0)	5.	Features of the Earth's Crust	10.	Astronomy			

Test	Unit 8: Science Placement Test Level 10 (Biology)						
Placement	Assignments						
cen	1.	Biology: The Study of Life	6.	Genetics and Heredity			
	2.	Biochemistry	7.	Microbiology and Diversity			
nce	3.	Cells	8.	Plants			
Science	4.	CellEnergy	9.	Animals and Humans			
0)	5.	Cell Division and Reproduction	10.	Ecology and the Environment			

Test	Unit	Unit 9: Science Placement Test Level 11 (Chemistry)					
Placement	Assi	Assignments					
	1.	Measurement and Analysis	6.	Chemical Reactions			
	2.	How to Identify Elements	7.	Equilibrium Systems			
nce	3.	Exploring Laws for Gases and Conservation of Mass	8.	Carbon Chemistry: Hydrocarbons			
Science	4.	The Discovery of Atoms: Nature's Building Blocks	9.	Carbon Chemistry: Functional Groups			
	5.	MolecularStructure	10.	Chemistry Review			

Test							
nent	Assignments						
Placement	1.	Kinematics	6.	Static Electricity			
	2.	Dynamics	7.	Electric Currents			
uce	3.	Work And Energy	8.	Magnetism			
Science	4.	Introduction To Waves	9.	Atomic And Nuclear Physics			
-07	5.	Light	10.	Review			

(\*) Indicates alternative assignment