

| | | |
|---|--|--|
| Reading | Command of Evidence | <ul style="list-style-type: none"> ❖ Determining the best evidence ❖ Interpreting data in informational graphics ❖ Understanding how an argument uses (or doesn't use) evidence ❖ Improving a passage structure, support and focus |
| | Words in Context | <ul style="list-style-type: none"> ❖ Relevant words in context ❖ High-Utility Academic Words and Phrases ❖ Interpreting words and phrases in context ❖ Analyzing word choice rhetorically ❖ Making effective use of language |
| | Information and Ideas | <ul style="list-style-type: none"> ❖ Reading Test Passages: Genre, Purpose, Subject, Complexity, Paired Passages, Informational Graphics ❖ Reading Closely, Citing Textual Evidence ❖ Determining Central Ideas and Themes ❖ Summarizing ❖ Understanding Relationships ❖ Interpreting Words and Phrases in Context |
| | Rhetoric | <ul style="list-style-type: none"> ❖ Analyzing word choice ❖ Analyzing text structure ❖ Analyzing point of view ❖ Analyzing purpose ❖ Analyzing arguments |
| | Synthesis | <ul style="list-style-type: none"> ❖ Analyzing Multiple Texts ❖ Analyzing Quantitative Information |
| Writing and Language | Development | <ul style="list-style-type: none"> ❖ Proposition, Support ❖ Focus, Quantitative Information |
| | Organization | <ul style="list-style-type: none"> ❖ Logical Sequence, Introductions ❖ Conclusions and transitions |
| | Effective Language Use | <ul style="list-style-type: none"> ❖ Precision, Concision ❖ Style and tone, Syntax |
| | Sentence Structure | <ul style="list-style-type: none"> ❖ Sentence boundaries, Subordination and coordination ❖ Parallel structure, Modifier placement ❖ In appropriate shifts in verb tense, mood, and voice ❖ In appropriate shifts in pronoun person and number |
| | Conventions of Usage | <ul style="list-style-type: none"> ❖ Pronoun Clarity, Possessive determiners ❖ Agreement, Frequently confused words ❖ Logical Comparison, Conventional expression |
| | Conventions of Punctuation | <ul style="list-style-type: none"> ❖ End-of-sentence punctuation ❖ Within-sentence punctuation ❖ Possessive nouns and pronouns ❖ Items in a series, Nonrestrictive and parenthetical elements ❖ Unnecessary punctuation |
| Math (Calculator) & Math (No Calculator) | Fundamentals | <ul style="list-style-type: none"> ❖ Number System ❖ Operations ❖ Exponents ❖ Fractions ❖ Decimals ❖ Patterns |
| | Heart of Algebra | <ul style="list-style-type: none"> ❖ Expressions and Equations ❖ Word Problems ❖ Inequalities ❖ Functions and Graphs ❖ Systems of equations & Inequalities |
| | Problem Solving and Data Analysis | <ul style="list-style-type: none"> ❖ Ratios ❖ Rates ❖ Proportions ❖ Percentages ❖ Multistep Measurement ❖ Linear and Exponential Growth ❖ Probability ❖ Statistics ❖ Making Inferences |
| | Passport to Advanced Mathematics | <ul style="list-style-type: none"> ❖ Polynomial Functions ❖ Radicals ❖ Rational Expressions ❖ Quadratic Equations and Inequalities, Conics ❖ Exponential functions ❖ Logarithmic functions |
| | Additional topics in Math | <ul style="list-style-type: none"> ❖ Volume ❖ Trigonometry, Pythagorean theorem ❖ Theorems - Circle, Arc, Angle, Chord, Areas ❖ Theorems - Congruence, Similarity ❖ Right Angles, Trigonometric Ratios ❖ Two variable equation for circle in a plane |

| | | |
|----------------|---------------------------------|--|
| English | Usage/ Mechanics | <ul style="list-style-type: none"> ❖ Punctuation ❖ Grammar and Usage ❖ Sentence Structure |
| | Rhetorical Skills | <ul style="list-style-type: none"> ❖ Strategy ❖ Organization ❖ Style |
| Reading | Types of Passages | <ul style="list-style-type: none"> ❖ Social Studies, Natural Sciences ❖ Literary, Humanities |
| | Main Idea | <ul style="list-style-type: none"> ❖ Understand main ideas in given passages |
| | Locate Details | <ul style="list-style-type: none"> ❖ Locate details within a passage and interpret them ❖ Refer to a specific line in the text and ask what it means ❖ Interpret sequence of events and flow of ideas ❖ Make comparisons |
| | Vocabulary | <ul style="list-style-type: none"> ❖ Understand cause-effect relationships ❖ Determine the meaning of words, phrases, and statements in context ❖ Draw generalizations ❖ Analyze the author's or narrator's tone and purpose |
| | Function and Development | <ul style="list-style-type: none"> ❖ Describe the effect of a phrase, sentence, or paragraph in the context of an entire passage ❖ How ideas are arranged within the passage |
| | Implied Ideas | <ul style="list-style-type: none"> ❖ What does a line, paragraph, or the whole passage imply? |
| Science | Data Representation | <ul style="list-style-type: none"> ❖ Ability to read and understand data, charts, graphs |
| | Research Summaries | <ul style="list-style-type: none"> ❖ Understanding what a controlled variable is and how it relates to scientific study structure. |
| | Conflicting Viewpoints | <ul style="list-style-type: none"> ❖ Read two different viewpoints and compare the similarities and differences |

| | | |
|-------------|---|--|
| Math | Pre-Algebra | <ul style="list-style-type: none"> ❖ Basic operations using whole numbers, decimals, fractions, and integers ❖ Place value, Square roots and approximations ❖ The concept of exponents, Scientific notation, Factors ❖ Ratio, proportion, and percent ❖ Linear equations in one variable ❖ Absolute value and ordering numbers by value ❖ Elementary counting techniques and simple probability ❖ Data collection, representation, and interpretation ❖ Understanding simple descriptive statistics |
| | Elementary Algebra | <ul style="list-style-type: none"> ❖ Properties of exponents and square roots ❖ Evaluation of algebraic expressions through substitution ❖ Using variables to express functional relationships ❖ Understanding algebraic operations ❖ The solution of quadratic equations by factoring |
| | Intermediate Algebra | <ul style="list-style-type: none"> ❖ The quadratic formula, Rational and radical expressions ❖ Absolute value equations and inequalities ❖ Sequences and patterns, Systems of equations ❖ Quadratic inequalities, Functions and modeling ❖ Matrices, Roots of polynomials, Complex numbers |
| | Coordinate Geometry | <ul style="list-style-type: none"> ❖ Graphing and the relations between equations and graphs, including points, lines, polynomials, circles, and other curves ❖ Graphing inequalities, Slope, Midpoints, Conics ❖ Parallel and perpendicular lines, Distance |
| | Plane Geometry | <ul style="list-style-type: none"> ❖ Properties and relations of plane figures, including angles and relations among perpendicular and parallel lines ❖ Properties of circles, triangles, rectangles, parallelograms, and trapezoids ❖ Transformations, Volume ❖ The concept of proof and proof techniques ❖ Applications of geometry to three dimensions |
| | Trigonometry | <ul style="list-style-type: none"> ❖ Trigonometric relations in right triangles ❖ Values and properties of trigonometric functions ❖ Graphing and Modeling using trigonometric functions |
| | Tips, Techniques & Time Management | <ul style="list-style-type: none"> ❖ How to solve problems in a minute using short cut methods, tips and techniques |