

WRITING TEST – Fundamentals of Effective Writing

SubArea 1: Apply principles of Development, Organization, Focus & Cohesion

<i>SubArea Objectives</i>	<i>Instructional Resource(s)</i>	<i>Practice Test(s)</i>
<ul style="list-style-type: none"> Recognize effective position statements, topic sentences, and propositions 	GRAMMAR-PARTS OF SPEECH (KHAN) Topic Sentences (OWL)	Introductions, Transitions, and Conclusions (V.T.) Revising Content (V.T.)
<ul style="list-style-type: none"> Revising text to introduce and conclude ideas effectively 	Sentence Boundaries (KHAN)	Sentence Completion (KHAN)
<ul style="list-style-type: none"> Revising text to coordinate and order ideas effectively and to achieve a logical development and sequence of ideas 	Subordination and Coordination - Basic (KHAN) Subordination and Coordination – Advanced (KHAN) Items in a Series – Basic (KHAN) Items in a Series – Advanced (KHAN)	Analyzing Sequences (V.T.) Reorganizing Content (V.T.) Separating, Combing, and Reordering Sentences (V.T.) Separating, Combing, and Reordering Sentences 2 (V.T.)
<ul style="list-style-type: none"> Revising text to achieve effective transitions between ideas and to clarify relationships among ideas 	Writing Transitions & Transitional Devices (OWL) Transition Words & Sentence Samples (GallaudetUniv.)	Agreement Errors (V.T.)
<ul style="list-style-type: none"> Revising text to eliminate distracting or unnecessary information or details 	Writing Clear, Readable Sentences (LBCC.EDU)	Avoiding Ambiguity & Redundancy (V.T.)
<ul style="list-style-type: none"> Revising text to achieve precise and appropriate language and to replace imprecise or inappropriate words 	Writing Precision – Basic (KHAN) Writing Precision – Advanced (KHAN)	Word Usage Errors (V.T.)
<ul style="list-style-type: none"> Revising text to give effective emphasis to important words, phrases & ideas 	Concision, Style & Tone – Basic (KHAN) Concision, Style & Tone – Advanced (KHAN)	Word Choice, Style & Tone (V.T.)

SubArea 2: Effective Sentence & Paragraph Formation

<i>SubArea Objectives</i>	<i>Instructional Resource(s)</i>	<i>Practice Test(s)</i>
<ul style="list-style-type: none"> Editing text to correct run-on sentences and sentence fragments 	WRITING-GRAMMAR (KHAN) Run-On Sentences (WaldenU-YouTube) Sentence Fragments (WaldenU-YouTube) Run-Sentences & Sentence Fragments (WaldenU)	Sentence Fragments and Combination (V.T.) Identifying Sentence Errors (KHAN) Improving Sentences (KHAN)
<ul style="list-style-type: none"> Editing text to create or to improve the parallel structure of words, phrases, or ideas 	Parallel Structure – Basic (KHAN) Parallel Structure – Advanced (KHAN) Parallelism (WaldenU-YouTube)	Parallel Structures (V.T.)
<ul style="list-style-type: none"> Editing text to eliminate misplaced or dangling modifiers; ambiguous pronoun references; and shifts in tense, mood, or point of view 	Modifier Placement – Basic (KHAN) Modifier Placement – Advanced (KHAN)	Modifier Placement (V.T.) Ambiguous Modifier (V.T.) Dangling Modifiers (V.T.) Misplaced or Interrupting Modifiers (V.T.)
<ul style="list-style-type: none"> Editing text to eliminate wordiness, unnecessary repetition of words, and redundancy of ideas 	Writing Concisely (BetterTOEFLscores.com)	Avoiding Ambiguity & Redundancy (V.T.)
<ul style="list-style-type: none"> Editing text to achieve the effective placement and emphasis of important words, phrases, or ideas 	Writing Syntax – Basic (KHAN)	Analyzing Effectiveness (V.T.) Phrase, Clause & Sentence Errors (V.T.)

Subarea 3: Conventions of Standard English Grammar, Usage & Mechanics

<i>SubArea Objectives</i>	<i>Instructional Resource(s)</i>	<i>Practice Test(s)</i>
<ul style="list-style-type: none"> Editing text to correct errors in the standard use of verbs and verb structures 	WRITING-GRAMMAR (KHAN) Shift in Verb, Tense & Mood – Basic (KHAN) Shift in Verb, Tense & Mood – Advanced (KHAN) Subject-Verb Agreement – Basic (KHAN) Subject-Verb Agreement – Advanced (KHAN)	Verb Tense Errors (V.T.)
<ul style="list-style-type: none"> Editing text to correct errors in the standard use of pronouns and possessives 	Pronoun Person & Number (KHAN)	Pronoun Usage Errors (V.T.)

	Pronoun Clarity (KHAN) Pronoun-Antecedent Agreement – Basic (KHAN) Pronoun-Antecedent Agreement – Advanced (KHAN) Possessive Determiners – Basic (KHAN) Possessive Determiners – Advanced (KHAN) Possessive Pronouns – Advanced (KHAN)	
<ul style="list-style-type: none"> Editing text to correct errors in the standard use of adjectives, adverbs, comparatives, and superlatives 	Adjectives & Adverbs – Comparatives & Superlatives (ELT)	Comparative & Superlative Adjective & Adverb Errors (V.T.)
<ul style="list-style-type: none"> Editing text to correct errors in the standard use of prepositions 	Prepositions (CHOMPCHOMP)	Preposition Errors (V.T.)
<ul style="list-style-type: none"> Editing text to correct errors in the use of homonyms and commonly confused words and phrases 	Frequently Confused Words - Basic (KHAN) Frequently Confused Words – Advanced (KHAN)	Word Usage Errors (V.T.)
<ul style="list-style-type: none"> Editing text to correct errors in standard punctuation 	End of Sentence Punctuation – Basic (KHAN) End of Sentence Punctuation – Advanced (KHAN) Within Sentence Punctuation – Basic (KHAN) Within Sentence Punctuation – Advanced (KHAN)	Punctuation Errors (V.T.) Apostrophe Errors (V.T.) Colon Errors (V.T.) Comma Errors (V.T.) Hyphens, Dashes & Parentheses Errors (V.T.) Period, Exclamation Point & Question Mark Errors (V.T.) Semicolon Errors (V.T.)
<ul style="list-style-type: none"> Editing text to correct errors in standard spelling and capitalization 	Capitalization Rules (Grammarbook.com)	Correcting Grammatical Errors (V.T.)

WRITING TEST - COMPOSITION

SubArea 4: Demonstrate the ability to write ARGUMENTS to support claims in an analysis of substantive topics, using valid reasoning and relevant and sufficient evidence

<i>SubArea Objectives</i>	<i>Instructional Resource(s)</i>	<i>Practice Test(s)</i>
<ul style="list-style-type: none"> Analyzing the claims made in a substantive informational text Writing arguments that introduce and support claims and evaluate counterclaims with clear reasons and relevant evidence Stating and maintaining focus on key ideas through the use of a clear thesis statement and topic sentences Organizing ideas effectively and maintaining a logical sequence of ideas Establishing and maintaining a formal style and objective tone Using language and vocabulary that are clear, precise, and appropriate Using language that conforms to the conventions of standard English 	Writing Argument – ‘How-to’ Video (KHAN) How to Write a Persuasive Essay (Cortes-YouTube) Argumentative Essays (ShmoopYouTube)	10 ACT Essay Prompts Sample ACT Essays ACT Writing Prompts

SubArea 5: Demonstrate the ability to write INFORMATIONAL / EXPLANATORY texts that examine and convey complex ideas, concepts, and information clearly and accurately through the effective selection, organization, and analysis of content

<i>SubArea Objectives</i>	<i>Instructional Resource(s)</i>	<i>Practice Test(s)</i>
<ul style="list-style-type: none"> Introducing a topic in a succinct and effective manner Organizing complex ideas, concepts, and information so that each new element builds on that which precedes it to create a unified whole Developing the topic by selecting significant and relevant facts, definitions, details, quotations, or other information and examples appropriate to the audience Providing a conclusion that follows from and supports the information or explanation presented Using appropriate and varied transitions and syntax to link the major sections of the text, create cohesion, and clarify the relationships between complex ideas and concepts 	Writing Informative – ‘How-to’ Video (KHAN) How to Write an Informative Essay (Cortes-YouTube) The Writing Process: Informative Writing (CommonCoreYouTube)	SAT Essay Prompts SAT Essay Prompts – Princeton Review

MATHEMATICS TEST

SubArea 1: Quantitative Literacy & Logic

<i>SubArea Objectives</i>	<i>Instructional Resource(s)</i>	<i>Practice Test(s)</i>
Understand Numbers, numbers systems, and the relationships between them	FOUNDATIONS (KHAN) PRE-ALGEBRA (KHAN)	REAL NUMBERS PRACTICE TEST (NYRP) INTEGERS PRACTICE TEST (ACT) LINEAR/RATIONAL/VARIABLE EQUATIONS (ACT) DISTRIBUTIVE PROPERTIES PRACTICE TEST (ACT)
<ul style="list-style-type: none"> Demonstrating knowledge of properties of integers, rational numbers, and real numbers (e.g., additive and multiplicative identities and inverses; associative, commutative, and distributive properties) 	NEGATIVE NUMBERS VIDEOS (KHAN) ABSOLUTE VALUE VIDEOS (KHAN) EXPONENTS VIDEOS (KHAN)	ABSOLUTE VALUES (ACT) LOGARITHMS (ACT) EXPONENTS (ACT) & EXPONENTIAL OPERATIONS (ACT)
<ul style="list-style-type: none"> Using mathematical symbols in context to represent quantitative relationships and situations (e.g., inequalities, absolute values, vectors, logarithms, exponents, complex numbers) 	THE SQUARE ROOT VIDEOS (KHAN) ORDER OF OPERATIONS VIDEOS (KHAN) FRACTIONS VIDEOS (KHAN) DECIMALS, FRACTIONS & PERCENTAGES VIDEOS (KHAN)	
Apply skills in performing calculations, using algorithms, and estimating solutions	UNITS OF MEASUREMENT IN MODELING VIDEOS (KHAN)	SEQUENCES (ACT) ARITHMETIC SEQUENCES (ACT) COMPOUND INTEREST (ACT)
<ul style="list-style-type: none"> Demonstrating knowledge of sequences and iteration (e.g., terms of arithmetic, geometric, and other simple sequences; sums of finite arithmetic and geometric sequences; the use of iterative processes in computing compound interest) 	SEQUENCES VIDEOS (KHAN) SEQUENCES & SERIES VIDEOS (KHAN) COMPLEX NUMBERS VIDEOS (KHAN)	COMPLEX NUMBERS (ACT)
<ul style="list-style-type: none"> Applying skills related to measurement units and scales (e.g., units of measurement, conversion of units, calculations involving measurements and units) 	COMPOUND INTEREST VIDEOS (KHAN) NUMBER SENSE & NUMERATION (KHAN)	
<ul style="list-style-type: none"> Solving problems involving error analysis (e.g., significant digits, error tolerance, percent of error, accumulated error, rounding error, truncating) 	INTRO TO ALGORITHMS (KHAN)	
<ul style="list-style-type: none"> Solving problems using number sense 		
<ul style="list-style-type: none"> Performing calculations involving real and complex numbers 		
Understand mathematical reasoning, logic and proof	INDUCTIVE & DEDUCTIVE REASONING VIDEOS (KHAN) VECTORS & SPACES VIDEOS (KHAN) APPLYING MATHEMATICAL REASONING VIDEOS (KHAN)	
<ul style="list-style-type: none"> Demonstrating knowledge of inductive and deductive reasoning 		
<ul style="list-style-type: none"> Analyzing logical statements and arguments using the rules of logic (e.g., negation, contrapositive, inverse, converse, connectives) 		
<ul style="list-style-type: none"> Demonstrating knowledge of mathematical proofs (e.g., use of axioms, postulates, theorems, definitions, counterexamples, contradiction) 		
<ul style="list-style-type: none"> Demonstrating knowledge of necessary and sufficient conditions 		

SubArea 2: Algebra & Functions

<i>SubArea Objectives</i>	<i>Instructional Resource(s)</i>	<i>Practice Test(s)</i>
Understand expressions, equations, and inequalities	ALGEBRA BASICS (KHAN) ALGEBRA 1 (KHAN) ALGEBRA 2 (KHAN)	ALGEBRA PRACTICE TESTS (NYRP) EXPRESSIONS (ACT) RATIONAL EXPRESSIONS LOGARITHMS (ACT)
<ul style="list-style-type: none"> Constructing and interpreting algebraic expressions (e.g., verbal descriptions of expressions in symbolic form, symbolic representation of verbal descriptions, evaluation of algebraic expressions) 	VARIABLES & EXPRESSIONS VIDEOS (KHAN) MANIPULATING EXPRESSIONS VIDEOS (KHAN) ALGEBRAIC EXPRESSIONS WITH FRACTIONS VIDEOS (KHAN)	EVALUATING EXPRESSIONS (ACT) SIMPLIFYING EXPRESSIONS (ACT)
<ul style="list-style-type: none"> Solving problems involving manipulation of algebraic expressions (e.g., performing operations, simplifying, factoring, transforming exponential and logarithmic expressions) 		

<ul style="list-style-type: none"> Demonstrating knowledge of linear, quadratic, polynomial, and rational equations and inequalities 	<p>SOLVING BASIC EQUATIONS VIDEOS (KHAN) LINEAR EQUATION WORD PROBLEM VIDEOS (KHAN) SOLVING LINEAR EQUATIONS VIDEOS (KHAN) LINEAR INEQUALITIES VIDEOS (KHAN) SYSTEMS OF EQUATIONS VIDEOS (KHAN) EXPRESSIONS WITH EXPONENTS VIDEOS (KHAN) QUADRATICS, POLYNOMIALS & FACTORING VIDEOS (KHAN) ONE-VARIABLE LINEAR EQUATIONS VIDEOS (KHAN) ONE-VARIABLE LINEAR INEQUALITIES VIDEOS (KHAN) TWO-VARIABLE LINEAR EQUATIONS VIDEOS (KHAN) TWO-VARIABLE LINEAR EQUALITIES VIDEOS (KHAN) SYSTEMS OF LINEAR EQUATIONS VIDEOS (KHAN) EXPRESSIONS W/RATIONAL EXPONENTS & RADICALS (KHAN)</p>	<p>QUADRATIC EQUATIONS (ACT) POLYNOMIALS (ACT)</p>
<p>Understand functions, their representations, and their characteristics</p> <ul style="list-style-type: none"> Recognizing definitions and representations of functions including piecewise functions and recursive functions (e.g., recognizing functions and their domains and ranges in contextual, symbolic, tabular, and graphical forms; evaluating functions at a value; representing functions in graphs, tables, diagrams, and words) Solving problems involving operations on functions (e.g., addition, subtraction, multiplication, division, transformations, inverses) Recognizing functions as applied to real-world situations (e.g., exponential growth and decay, cost function) <p>Understand families of functions and their symbolic and graphical representations</p> <ul style="list-style-type: none"> Solving problems involving lines and linear functions Solving problems involving exponential and logarithmic functions Solving problems involving quadratic functions Solving problems involving power functions Solving problems involving polynomial functions Solving problems involving rational functions Solving problems involving trigonometric functions 	<p>FUNCTIONS VIDEOS (KHAN)(EXTENSIVE) LINEAR EQUATIONS & FUNCTIONS WORD PROBLEMS (KHAN) EXPONENTIAL FUNCTIONS VIDEOS (KHAN) QUADRATIC EQUATIONS & FUNCTIONS VIDEOS (KHAN) MANIPULATING FUNCTIONS VIDEOS (KHAN) RADICAL EQUATIONS & FUNCTIONS VIDEOS (KHAN) RATIONAL EXPRESSIONS, EQUATIONS & FUNCTIONS (KHAN) EXPONENTIAL GROWTH & DECAY VIDEOS (KHAN) EXPONENTIAL & LOGARITHMIC FUNCTIONS (KHAN) TRIGONOMETRIC FUNCTIONS VIDEOS (KHAN) ADVANCED FUNCTIONS VIDEOS (KHAN) MODELING VIDEOS (KHAN)</p>	<p>ALGEBRAIC FUNCTIONS (ACT) GRAPHING (ACT)</p>
SubArea 3: Geometry & Trigonometry		
<i>SubArea Objectives</i>	<i>Instructional Resource(s)</i>	<i>Practice Test(s)</i>
<p>Understand basic geometric figures and their properties</p>	<p>BASIC GEOMETRY (KHAN) GEOMETRY (KHAN) TRIGONOMETRY (KHAN)</p>	<p>COORDINATE GEOMETRY (ACT) GEOMETRY PRACTICE TESTS (NYRP)</p>
<ul style="list-style-type: none"> Demonstrating knowledge of coordinate geometry Recognizing and using formulas involving perimeter, area and volume 	<p>AREA & PERIMETER – BASIC (KHAN) AREA & CIRCUMFERENCE OF CIRCLES – BASIC (KHAN) VOLUME – BASIC (KHAN)</p>	<p>PERIMETER (ACT) AREA OF CIRCLE (ACT) VOLUME OF CUBE (ACT)</p>

<ul style="list-style-type: none"> Solving problems involving geometry of two-dimensional figures (e.g., triangles, circles, quadrilaterals) 	<p style="text-align: center;">SURFACE AREA – BASIC (KHAN) GEOMETRIC DEFINITIONS VIDEOS (KHAN) SPECIAL PROPERTIES & PARTS OF TRIANGLES VIDEOS (KHAN)</p>	<p style="text-align: center;">CONGRUENT RIGHT TRIANGLES (ACT)</p>
<ul style="list-style-type: none"> Solving problems involving geometry of three-dimensional figures (e.g., cone, pyramid, sphere) 		
<ul style="list-style-type: none"> Solving problems involving triangles and trigonometry 	<p style="text-align: center;">QUADRILATERALS VIDEOS (KHAN) WORKING WITH TRIANGLES VIDEOS (KHAN) SOLVING GENERAL TRIANGLES VIDEOS (KHAN) CIRCLES VIDEOS (KHAN) BASIC AREA VIDEOS (KHAN) ADVANCED PERIMETER & AREA VIDEOS (KHAN) AREA FORMULA PROOFS VIDEOS (KHAN) ADVANCED AREA WITH TRIANGLES (KHAN) AREA & CIRCUMFERENCE OF CIRCLES VIDEOS (KHAN) SURFACE AREA VIDEOS (KHAN) VOLUME & SURFACE AREA (KHAN)</p>	<p style="text-align: center;">TRIGONOMETRY PRACTICE TESTS (NYRP)</p>
<p>Understand the relationships between basic geometric figures</p>		
<ul style="list-style-type: none"> Recognizing the relationships between area formulas of two-dimensional figures 		
<ul style="list-style-type: none"> Recognizing the relationships between volume formulas of three-dimensional figures 	<p style="text-align: center;">SYMMETRY VIDEOS (KHAN) CONGRUENCE & SIMILARITY – BASIC (KHAN) TRANSFORMATIONS & CONGRUENCE VIDEOS (KHAN)</p>	
<ul style="list-style-type: none"> Recognizing the relationship between two-dimensional and three-dimensional figures (e.g., recognizing three-dimensional figures from two-dimensional views, cross sections of three-dimensional figures, solids formed by revolving two-dimensional figures around lines) 	<p style="text-align: center;">TRIANGLE CONGRUENCE VIDEOS (KHAN) DEFINITIONS OF SIMILARITY VIDEOS (KHAN) TRIANGLE SIMILARITY VIDEOS (KHAN) SOLVING SIMILAR TRIANGLES VIDEOS (KHAN) SOLVING PROBLEMS W/ SIMILAR & CONGRUENT TRIANGLES VIDEOS (KHAN)</p>	
<ul style="list-style-type: none"> Demonstrating knowledge of congruence and similarity 	<p style="text-align: center;">SOLVING MODELING PROBLEMS W/SIMILAR & CONGRUENT TRIANGLES (KHAN) VOLUME PROBLEMS W/CONES, CYLINDERS & SPHERES VIDEOS (KHAN) CROSS SECTIONS OF 3D OBJECTS VIDEOS (KHAN)</p>	<p style="text-align: center;">SIMILAR QUADRILATERALS (ACT)</p>
<p>Understand transformations of figures in a plane</p>		
<ul style="list-style-type: none"> Recognizing isometries (i.e., reflections, rotations, translations, and glide reflections) 	<p style="text-align: center;">COORDINATE PLANE – BASIC (KHAN) SHAPES ON THE COORDINATE PLANE – BASIC (KHAN)</p>	<p style="text-align: center;">PLANE GEOMETRY (ACT) COORDINATE PLANE (ACT)</p>
<ul style="list-style-type: none"> Recognizing dilations 	<p style="text-align: center;">LINES, SEGMENTS & RAYS VIDEOS (KHAN) POINTS, LINES & PLANES VIDEOS (KHAN)</p>	
<ul style="list-style-type: none"> Recognizing the composition of two or more transformations 	<p style="text-align: center;">ANGLES & INTERSECTING LINES VIDEOS (KHAN) RIGID TRANSFORMATION VIDEOS (KHAN) TRANSFORMATIONS – BASIC (KHAN) TRANSLATIONS VIDEOS (KHAN) ROTATIONS VIDEOS (KHAN) REFLECTIONS VIDEOS (KHAN) DILATIONS VIDEOS (KHAN)</p>	

	SEQUENCES OF TRANSFORMATIONS VIDEOS (KHAN) PROPERTIES & DEFINITIONS OF TRANSFORMATIONS VIDEOS (KHAN)	
SubArea 4: Statistics & Probability		
<i>SubArea Objectives</i>	<i>Instructional Resource(s)</i>	<i>Practice Test(s)</i>
Understand univariate data and distributions <ul style="list-style-type: none"> Demonstrating knowledge of statistical significance, margin of error, and confidence level Solving problems involving measures of center (i.e., mean, mode, median), weighted average, and variation (i.e., percentile, quartile, interquartile, range, variance, standard deviation) Demonstrating knowledge of the normal distribution (e.g., shape, relationships between measures of center, percent of population at various standard deviations from the mean, z-scores) 	PROBABILITY & STATISTICS (KHAN) PROBABILITIES AND STATISTICS MISSION (KHAN) STATISTICAL QUESTIONS VIDEOS (KHAN) TYPES OF STATISTICAL STUDIES VIDEOS (KHAN) MEASURES OF CENTRAL TENDENCY VIDEOS (KHAN) VARIANCE & STANDARD DEVIATION VIDEOS (KHAN) SAL'S OLD STATISTICS VIDEOS (KHAN) EXPECTED VALUE VIDEOS (KHAN) NORMAL DISTRIBUTION & ZSCORES VIDEOS (KHAN) CONFIDENCE INTERVALS VIDEOS (KHAN) MARGIN OF ERROR VIDEOS (KHAN)	STATS & PROBABILITIES PRACTICE TEST (NYRP) STATISTICS (ACT) MEDIAN (ACT) & MODE (ACT) & RANGE (ACT) ARITHMETIC MEAN (ACT) DATA ANALYSIS (ACT)
Understand bivariate data and relationships <ul style="list-style-type: none"> Demonstrating knowledge of scatterplots and their characteristics Demonstrating knowledge of Pearson's coefficient of correlations Differentiating between correlation and causation Demonstrating knowledge of linear regression 	CATEGORICAL DATA VIDEOS (KHAN) BINOMIAL DISTRIBUTION VIDEOS (KHAN) LINEAR REGRESSION & CORRELATION VIDEOS (KHAN)	
Understand sampling, surveying, experimental design, and graphical representation <ul style="list-style-type: none"> Constructing and interpreting graphic representations of data (e.g., tables, charts, plots, graphs, spreadsheets, histograms, bar graphs) Demonstrating knowledge of sample statistics and population parameters Demonstrating knowledge of sources of bias and procedures for reducing and controlling bias Demonstrating knowledge of observational studies and experimental studies 	BOX-AND-WHISKER PLOTS VIDEOS (KHAN) SCATTER PLOTS VIDEOS (KHAN) SAMPLING DISTRIBUTION VIDEOS (KHAN) HYPOTHESIS TESTING – ONE SAMPLE VIDEOS (KHAN) HYPOTHESIS TEST – TWO SAMPLES VIDEOS (KHAN)	GRAPHING (ACT)
Understand probability models and probability calculation <ul style="list-style-type: none"> Demonstrating knowledge of sample spaces in simple situations Calculating the probability of events in various situations (e.g., mutually exclusive events, conditional events) Demonstrating knowledge of tree diagrams, formulas for combinations and permutations, Venn diagrams, and other counting techniques 	BASIC PROBABILITY VIDEOS (KAHN) VENN DIAGRAMS & ADDING PROBABILITIES VIDEOS (KHAN) COMPOUND & INDEPENDENT EVENTS VIDEOS (KHAN) DEPENDANT PROBABILITY VIDEOS (KHAN) BASIC SET OPERATIONS VIDEOS (KHAN) PERMUTATIONS VIDEOS (KHAN) COMBINATIONS VIDEOS (KHAN) PROBABILITY THROUGH COUNTING OUTCOMES VIDEOS (KHAN) RANDOM VARIABLES VIDEOS (KHAN)	FINDING THE PROBABILITY OF AN OUTCOME (ACT) PROBABILITY (ACT) & OUTCOMES (ACT) COUNTING (ACT) VENN DIAGRAMS (ACT) INTERSECTION OF VENN DIAGRAM (ACT) UNION OF VENN DIAGRAM (ACT) PERMUTATION / COMBINATION (ACT) FINDING COMBINATIONS (ACT)

READING TEST

SubArea 1: Word Meaning

SubArea Objectives

Resources

Determine the meaning of words and phrases

- Includes using the context of a passage to determine the meaning of words with multiple meanings, unfamiliar and uncommon words and phrases, and figurative expressions

[Context-Dependant Word Meaning](#)
[Context-Dependant Word Meaning 2](#)
[Context-Dependant Phrase Meaning](#)
[Context-Dependant Phrase Meaning 2](#)

SubArea 2: Main Idea & Detail

SubArea Objectives

Resources

Understand the main idea and supporting details in written material

- Includes identifying explicit and implicit main ideas; and recognizing ideas that support, illustrate, or elaborate the main idea of a passage

[Identifying & Analyzing Main Ideas](#)
[Identifying & Analyzing Main Ideas 2](#)
[Identifying & Analyzing Main Ideas 3](#)

SubArea 3: Writer's Purpose

SubArea Objectives

Resources

Identify a writer's purpose, point of view, and intended meaning

- Includes recognizing a writer's expressed or implied purpose for writing; evaluating the appropriateness of written material for various purposes or audiences; recognizing the likely effect of a writer's choice of words on an audience; and using the content, word choice, and phrasing of a passage to determine a writer's opinion or point of view

[Analyzing Authorial Tone & Method](#)
[Analyzing Authorial Tone & Method 2](#)
[Analyzing Authorial Tone & Method 3](#)

SubArea 4: Idea Relationships

SubArea Objectives

Resources

Analyze the relationship among ideas in written material

- Includes identifying the sequence of events or steps; identifying cause-effect relationships; analyzing relationships between ideas in opposition; identifying solutions to problems; and drawing conclusions inductively and deductively from information stated or implied in passage

[Analyzing Sequences](#)
[Cause & Effect](#)
[Cause & Effect 2](#)
[Drawing Generalizations](#)
[Drawing Inferences](#)

SubArea 5: Critical Reasoning

SubArea Objectives

Resources

Use critical reasoning skills to evaluate written material

- Includes evaluating the stated or implied assumptions on which the validity of a writer's argument depends; judging the relevance or importance of facts, examples, or graphic data to a writer's argument; evaluating the logic of a writer's argument; evaluating the validity of analogies; distinguishing between fact and opinion; and assessing the credibility or objectivity of the writer or source of written material

[Identifying & Analyzing Important Details](#)
[Identifying & Analyzing Important Details 2](#)
[Identifying & Analyzing Important Details 3](#)

SubArea 6: Study Skills

SubArea Objectives

Resources

Apply study skills to reading assignments

- Includes organizing and summarizing information for study purposes, following written instructions or directions; and interpreting information presented in charts, graphs, or tables

[Summarizing](#)
[Interpreting Graphs](#)