

TSIA 2.0 Strategies

Fall 2022 | Spring 2023

Information based on The Princeton Review TSIA 2.0 Training - Fall 2021

English Language Arts Reading Test (ELAR)



COLLEGE READINESS CLASSIFICATION (CRC)

30 QUESTIONS PASSING SCORE = 945 OR HIGHER

DIAGNOSTIC TEST (DT)

48 QUESTIONS (2ND CHANCE TO PASS) PASSING SCORE = 5 OR 6 ESSAY

1 PROMPT PASSING SCORE = 5 OR HIGHER

Math



DIAGNOSTIC TEST (DT)

48 QUESTIONS (2ND CHANCE TO PASS) PASSING SCORE = 6



COLLEGE READINESS CLASSIFICATION (CRC)

20 QUESTIONS

PASSING SCORE = 950 OR HIGHER

Computer Adaptive Testing (CAT)



The question difficulty changes based on your answers.

So......The first 10 questions really, really matter!!!!

- The graph shows two students who answered the <u>same number of questions correctly</u> but in a different order.
- The student who answered the first questions correctly passed the test.
- The other student missed the first questions and did not pass the test.



General Strategies



ELAR

- •SLOW DOWN SCORE MORE Unlimited time
- •Use scratch paper helps you see thoughts and traps
- •Process of Elimination (P.O.E.) find the wrong answer choices and cross them out

•Best answers will.....

- Be supported in the text
- Agree with the main idea
- Answer what's asked

Math

- •SLOW DOWN SCORE MORE Unlimited time
- •Use scratch paper helps you see your work
- •Process of Elimination (P.O.E.) find the wrong answers and cross them out
- •Ballparking use closest approximate value
- •Read the Full Questions (RTFQ) circle key words
- •Bite-Sized Pieces break long word problems into smaller pieces figure out one part at a time
- •Plugging In The Answers (PITA) use the answer choices for algebraic problems

ELAR Strategies & Common Traps



Steps:

- 1. Read the question first.
- z. Read the passage.
- 3. Predict the answer in your own words.
- 4. Finally.....look at the answer choices and use P.O.E.

Common Traps = Wrong Answers

- <u>Extreme Language (only, never, always, must)</u>
- <u>Deceptive Language</u> familiar words from the text but twisted to say something different
- <u>Half Right, Half Wrong</u> a word or two in the middle or the end can make the answer wrong
- <u>Could Be True</u> answers that may be true
 BUT are not in the passage

ELAR Essay Criteria



Scoring is done by a <u>COMPUTER</u> based on 6 criteria:

- 1. <u>Purpose and Focus</u> One point of view (side) that answers the prompt.
- 2. <u>Organization and Structure</u> Present ideas in paragraphs connected by transitions
- 3. <u>Development and Support</u> Use concrete, specific examples to support your side.
- 4. <u>Sentence Variety and Style</u> Use simple, complex, or compound sentences with strong vocabulary.
- <u>Mechanical Conventions</u> Use standard, grammatically correct English NO slang, cliches, or nonstandard language.
- **<u><u></u>**</u>. <u>Critical Thinking</u> Think deeply and carefully about the topic.

ELAR Essay Structure



Prompt – A Short Paragraph with a Question

- Read the passage and make sure you understand the question.
- Pick a side it does not matter which one.
- Find support for your side from:
 - History
 - Literature
 - Current events
 - Personal experiences
- Construct an introductory paragraph state your thesis.
- Construct 2-3 body paragraphs that support your side.
- Construct a concluding paragraph.
- Proofread and submit.

TSIA Essay Myths



Whatever works in English class will be fine on the TSIA.		FALSE
Never use personal examples or the word "I" in a TSIA essay.		FALSE
□ The longer the essay, the higher the score.	FALSE	
You must write 5 paragraphs with 3 examples.	FALSE	

Math Strategies - Review Terms & Concepts

Quantitative Reasoning

- Number Sense
- Fractions & Decimals
- Ratios, Proportions, & Percents
- Expressions, Equations, & Inequalities

Algebraic Reasoning

- Linear Functions: Equations & Inequalities
- Non-linear Functions: Exponents & Roots
- Non-linear Functions: Manipulating Polynomials
- Functions & Graphs

Geometric & Spatial Reasoning

- Geometry Foundations
- Geometry Basic Approach
- Triangles & Trigonometry

Probabilistic & Statistical Reasoning

- Probability
- Charts & Data





Math Strategies - Practice, Practice, Practice,

• Whole Numbers & Integers

Rational & Irrational Numbers

• Real & Imaginary Numbers

- Parts of a Fraction
- Add, Subtract, Multiply, Divide Fractions
- Reading & Writing Decimals
- Repeating Decimals
- Comparing Decimals
- Add, Subtract, Multiply, Divide Decimals
- Rounding
- Converting Fractions and Decimals
- Ratios, Proportions, Percents
- PEMDAS

- Distribution
- Absolute Value
- Simplifying Expressions
- Balancing Equations & Inequalities
- Solving Linear Equations & Inequalities
- Exponents & Roots
- Solving Exponential Equations
- Balancing Equations & Inequalities
- Solving Linear Equations & Inequalities
- Exponents & Roots
- Solving Exponential Equations
- Multiplying Polynomials
- Simplifying Polynomials

- Expanding Polynomials
- GCF
- Rational Expressions
- Function Notation
- Equations, Functions, & Their Graphs
- Common Graphs & Graph Translations
- Graphing Inequalities
- Measurement
- Angles
- Line Facts
- Angle Facts
- Quadrilateral Facts
- Triangle Facts

- Three Dimensional Figures
- Right Triangles
- Special Right Triangles
- Trigonometry (SOHCAHTOA)
- Probability
- Scatterplots
- Bar Graphs
- Dot Plots
- Line Graphs
- Two-Way Tables
- Frequency Tables
- Standard Deviation