

2 Month PSAT/SAT Study Plan

Week 1

Math:

- Pre-requisites: Ensure a solid understanding of the basics (PEMDAS, Fractions, Negatives, etc.)
- How to Backsolve: Starting with answer choices to find the correct solution.

Reading and English:

- Rhetorical Synthesis Questions: Learn how to systematically solve these problems without using the notes.
- Transitions: Practice using and identifying correct transitional words and phrases to improve the flow of sentences and paragraphs.

Week 2

Math:

- Understanding and Translating Word Problems: Break down word problems into manageable steps to solve them more easily.
- System of Linear Equations: Practice solving systems of equations using various methods (substitution and elimination).
- Manipulating Math Equations: Work on simplifying and rearranging equations to solve for different variables.

Reading and English:

- Sentence Structure: Review the basics of sentence construction, including subject, predicate, and objects.
- Non-Essential Clauses: Identify and correctly punctuate non-essential information in sentences.
- Combining Sentences: Practice combining independent clauses and dependent clauses.

Week 3

Math:

- Functions: Understand the concept of functions and how to work with function notation.
- Exponents and Radicals: Simplify expressions involving exponents and radicals.
- Absolute Value: Solve equations and inequalities involving absolute values.

Reading and English:

- Subject-Verb Agreement: Ensure subjects and verbs agree in number and person.
- Verb Tenses: Maintain consistent verb tenses throughout sentences and passages.
- How to Approach Reading and English Questions: Develop strategies for tackling different types of questions effectively.

Week 4

Math:

- Quadratics: Solve quadratic equations using factoring, completing the square, and the quadratic formula.
- Parabolas: Understand the properties of parabolas and how to graph them.
- Polynomials: Work with polynomial expressions, including addition, subtraction, multiplication, and division.

Reading and English:

- Comparisons: Make accurate and clear comparisons in sentences.
- Parallelism: Ensure parallel structure in lists and comparisons.
- Modifiers: Dangling and misplaced modifiers.

Week 5

Math:

- Percent and Percent Change: Calculate percentages and understand percentage change problems.
- Ratios and Proportions: Solve problems involving ratios, proportions, and similar figures.
- Mean/Median: Calculate and interpret mean, median, and range in different questions.

Reading and English:

- Understanding the Main Idea: Focus on identifying the main idea and supporting details in passages.

Week 6

Math:

- Graphs and Tables: Interpret data from various types of graphs and tables.
- Angles and Triangles: Work on problems involving angles, triangles, and their properties.

Reading and English:

- Text Completion Strategy: Develop strategies for completing sentences and passages accurately.

Week 7

Math:

- Right Triangles: Understand the properties of right triangles and the Pythagorean theorem.
- Trigonometry: SOHCAHTOA
- Circles: Work with the properties of circles, including circumference and area calculations.

Reading and English:

- Strengthening and Weakening Arguments: Practice identifying and evaluating arguments within passages.

Week 8

Math:

- Area, Volume, and Surface Area: Calculate the area, volume, and surface area of various shapes.

Reading and English:

- Two Passage Strategies: Develop strategies for comparing information in paired passages.