

Section-wise SAT Exam Syllabus

The SAT test should be completed in 3 hours. It consists of three sections - evidence-based Reading, Writing and Language Tests, and Math. The question will be based on subjects students have already learned in school. There will be a total of 154 questions and the maximum score you can achieve is 1600.

Reading

In the Reading section, there will be 52 multiple-choice questions that you must solve within 65 minutes. The questions will be based on reading passages that may come with tables, graphs, or charts. There will be five passages with 10-11 questions each. The questions will be from three main subjects - history, social studies, and science. One of the passages will be from American or world literature and one from either an American founding document or a related text. There will be one passage related to economics, psychology, sociology, or social science, and two science-related passages. The passages are about 500–750 words long.

Types of Questions

1. **How the Author Uses Evidence** - This type of question tests your understanding of the author's usage of evidence to support a claim. The questions are asked in three ways. One is to find the part of a passage where the author is supporting a point he makes. Second, to find evidence from the passage that best supports the answer to a previous question. Third, to find a relation between an informational graphic and the passage it is paired with.
2. **Understanding Words in Context** - In this question type, you have to identify the meaning of a word given in the context. You have to use the context clues from the passage to figure out the meaning of a word or phrase used. The question will also check your ability to understand how an author uses words to give meaning, style, and tone.
3. **Analysis in History/Social Studies and Science** - In the passages related to history, social studies, and science, you should use your reading skills to find answers and not your prior knowledge of the subject. For example, you may get a passage about an experiment and will be asked to examine a hypothesis, interpret some data, or consider implications.

Writing and Language

The Writing section consists of 44 multiple-choice questions and the time limit is 35 minutes. You will get 4 passages related to topics like job, science, humanities, history, and social studies each having 400–450 words. At least 1 passage will be a narrative that will describe some event like a story. The other passages are argumentative, informative, or explanatory and can contain charts, graphs, or infographics. Each passage comes with 11 questions.

Types of Questions

1. **Expression of Ideas** - In this section, your quality of writing will be tested. There are 3 kinds of questions in this section (a) Development questions - based on main ideas (topic sentences and thesis statements), supporting details, focus, and quantitative information from tables, graphs, and charts. (b) Organization questions - logical sequence, placement of information and ideas, introductions, conclusions, and transitions. (c) Effective Language Use - improve precision and remove wordiness, consider style and tone, and merge sentences to improve flow and emphasize one point over another.
2. **Standard English Conventions** - This type of question requires you to recognize and correct grammar, usage, and mechanics problems in passages. You may get run-on or incomplete sentences and you have to correct the errors in those sentences. You will also get sentences with a lack of subject-verb or pronoun-antecedent agreement or missing punctuation.

Mathematics

The Math section has two sections - No calculator portion and calculator portion. There are a total of 58 questions for which you will get 80 minutes to complete. In this 45 questions are multiple-choice and 13 are grid-in questions, meaning you will have to arrive at the answers independently. Algebra and functions, geometry, trigonometry, number and operations, statistics, probability, and data analysis are important subjects in this test.

- No Calculator section - 25 minutes for 20 questions (15 MCQ and 5 grid-in).
- Calculator section - 55 minutes for 38 questions (30 MCQ and 8 grid-in).

Types of Questions

1. **Heart of Algebra** - This section consists of questions based on linear equations, systems of linear equations, and functions. You will have to create equations that represent a situation, solve equations and systems of equations, and make connections between different representations of linear relationships. There will be 19 questions of this type.
2. **Problem-Solving and Data Analysis** - This section has 17 questions based on ratios, percentages, and proportional reasoning to solve problems in real-world situations, including in the fields like science, and social science. It also contains questions related to describing graphical relationships and analyzing statistical data. You should have a good understanding of mathematical concepts that are important throughout your college, career, and daily life.
3. **Passport to Advanced Math** - There will be 16 questions from the maths subjects that you will need for your higher studies in science and economics and for career opportunities in the STEM fields. You must be familiar with complex equations or functions that will be needed for calculus and advanced statistics courses.
4. **Additional Topics in Math** - There will be 6 questions from additional topics like geometry, trigonometry, radian measure, and complex numbers. Three questions will be asked in the no calculator portion and the calculator portion each.

Section	Questions	Time Allotted	Score Range
Mathematics	20 (With 5 Grid-in) 38 (With 8 Grid-in)	25 minutes (for No-Calculator Portion) 55 minutes (for Calculator Portion)	200-800
Reading	52 multiple-choice questions	65 minutes	200-800
Writing	44 multiple-choice questions	35 minutes	Calculated with Reading section
Total	154 questions	180 minutes	400-1600