



SAT DIGITAL

Handbook

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1. SAT Digital – What you need to know.

The total test duration is **2 hours 14 mins**.

The test has **two sections** – English and Mathematics

64 mins for English and **70 mins** for Mathematics

10 mins **break** between English and Mathematics

Each section has **two modules**.

2nd module complexity **depends** on performance in
1st module.

No negative marks, you can freely give a guess answer.

Calculator allowed for Mathematics both the modules.

2. SAT structure

The new SAT digital is computer-based test, and one must take the test at a test centre.

It has two sections. Each section has two modules.

Section	Time	Number of Questions
<i>Reading and writing</i>	<i>Module 1 – 32 min Module 2 – 32 min</i>	<i>54 (27 questions per module)</i>
<i>Mathematics</i>	<i>Module 1 – 35 min Module 2 – 35 min</i>	<i>44 (22 questions per module)</i>
Total	134 mins	98

SAT Marks

- Reading and Writing (English) – 800
- Mathematics – 800
- Total – 1600

3. Scores and Important information

Adaptive method

Each section has two modules.

English has 2 modules. Similarly, Mathematics has two modules.

Students are given a broad mix of easy, medium, and hard questions in Module 1.

Digital SAT is adaptive. This means, based on the performance in the 1st module, the 2nd module questions could be easier or harder.

If the student is unable to score more than 70% in the 1st module of Mathematics, then the 2nd module questions would automatically become easier. But the maximum score for the section is capped at 590. Whereas if the student scores above 70% in the 1st module, then the 2nd module gets tougher, but the student can score up to 800 in the section.

Illustration

i) Student name – Rita

a. Let's say, if 'Rita' answers correctly for 25 questions in the 1st module of English, then she gets tougher questions in the 2nd module. If she answers 23 correct in the 2nd module too, her total English correct answers are 48 out of 54, and the score would be 712.

b. if 'Rita' answers 100% correct in the 1st module of Mathematics, then she gets tougher questions in the 2nd module. If she answers 100% correct in the 2nd module too, her total Mathematics score would be 800.

c. Rita's total score – $712 + 800 = 1512$

ii) Student name - David

- a. Let's say, if 'David' gives correct answers only for 60% questions in the 1st module of English, then he gets easier questions in the 2nd module. Even if he answers 100% correct in the 2nd module, his maximum English score is capped at 590.
- b. if 'David' answers 100% correct in the 1st module of Mathematics, then he gets some tougher questions in the 2nd module. If he answers 100% correct in the 2nd module too, his total Mathematics score would be 800.
- c. **David's total score – $590 + 800 = 1390$**

iii) Student name - Abhinav

- a. Let's say, if 'Abhinav' answers correctly all questions the 1st module of English, then he gets some tougher questions in the 2nd module. Even if he answers 100% correct in the 2nd module, his maximum English score to be 800.
- b. if 'Abhinav' answers 100% correct in the 1st module of Mathematics, then he gets some tougher questions in the 2nd module. If he answers 100% correct in the 2nd module too, his total Mathematics score would be 800.
- c. **Abhinav's total score – $800 + 800 = 1600$**

4. SAT English syllabus

The reading and writing questions are focused on the following skill areas.

a) Standard English Conventions

- i) Formation of English sentences
- ii) Sentence structure and correctness.
- iii) Usage and correction of punctuation
- iv) Sentence boundaries.

b) Craft and Structure

- i) Words and phrases in context
- ii) Cross text connections
- iii) Reasoning and comprehension
- iv) Vocabulary and Synthesis

c) Expression of Ideas

- i) Ability to revise texts.
- ii) Enhance the effectiveness of written expression.
- iii) Rhetorical synthesis transition

d) Information and Analysis

- i) Information analysis from tables, graphs and text
- ii) Interpretation and inferences
- iii) Command of evidence
- iv) Reasoning and analytical evaluation

5. SAT Mathematics syllabus

List of Mathematics sub-topics under each main topic are as follows.

a) Algebra

- i) Linear equations in one variable
- ii) Linear functions
- iii) Linear equations in two variable
- iv) Systems of two linear equations in two variables
- v) Linear inequalities in one or two variables

b) Advanced Math

- i) Nonlinear functions
- ii) Nonlinear equations in one variable and systems of equations in two variables
- iii) Equivalent expressions

c) Problem Solving and Data Analysis

- i) Ratios, rates, proportional relationships, and units Percentages
- ii) One-variable data: Distributions and measures of center and spread
- iii) Two-variable data: Models and scatterplots
- iv) Probability and conditional probability
- v) Inference from sample statistics and margin of error
- vi) Evaluating statistical claims: Observational studies and experiments

d) Geometry and Trigonometry

- i) Area and volume
- ii) Lines, angles, and triangles
- iii) Right triangles and trigonometry
- iv) Circles

6. Examples

Punctuation usage (, . ; : ' etc)

- 1) Scenarios where comma (,) is used.
 - a. Concept level
- 2) Where semi-colon (;) is used
- 3) Where (full stop) is used
- 4) Apostrophe (')
- 5) Parenthesis ()
- 6) Single dash (-), Double dash (--)
- 7) Colon (:)

Application of punctuation

- 8) Between subject and verb
- 9) Between name and title
- 10) Between main clause and supplementary phrase
- 11) Separating items in a list
- 12) Between a preposition and its complement
- 13) Between a verb and a preposition
- 14) Between a proposition and its complement
- 15) Use of punctuation around noun phrases
- 16) Punctuation between sentences, after sentence
- 17) Items in a complex series with internal punctuation
- 18) Coordination of independent clauses

Verbs usage

- 1) Use of verbs to express tense in sentences
- 2) Finite and non-finite verb forms with-in a sentence
- 3) Subject verb agreement
- 4) pronoun-antecedent agreement
- 5) Singular / plural

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Craft and Structure

Words in context

- 1) Text completeness with the most logical and precise word
- 2) Most nearly meaning of the Underlined phrase in a text
- 3) Function of the underlined portion of the text as a whole

- 4) Identification of main purpose of the text

Text structure and purpose

Main Purpose/central ideal of the given text

1) Describe overall structure of the text.

- 2) Identification of main purpose of the text

Cross text connection

- 1) Likely outcome from one text linking to a matter in another text.
- 2) Authors from both the texts, most likely to agree on

Further details, please visit <https://micromerits.com/digital-sat>