Test Design, Prep & Data

Leveraging SAT Suite Data for Instruction and Student Development (Preview)

CollegeBoard



Test Design

Refresher: SAT Suite Basic Design

The SAT has 2 modules in each "Multi-Stage Adaptive" section

Reading & Writing Section

Module 1

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

→

Module 2

Students are given a targeted mix of questions of varying difficulties based on their performance in module 1

→ **Student's Reading/Writing Score**

Math Section

Module 1

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

→

Module 2

Students are given a targeted mix of questions of varying difficulties based on their performance in module 1

→ **Student's Math Score**

Reading and Writing Test Specifications at-a-glance:



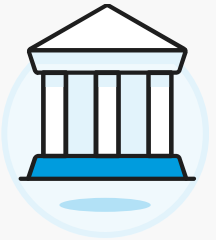
54 total questions

1 section
2 modules – initial & adaptive



64 total minutes

1.19 min/question



Discrete questions

Math Test Specifications at-a-glance:



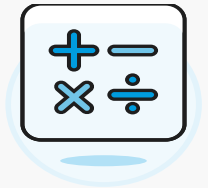
44 total questions

1 section
2 modules – initial & adaptive
both with calculator



70 total minutes

1.59 min/question



Discrete questions

75%: Four-option multiple-choice
25%: Student-produced responses (SPR)

Multi-Stage Adaptive Testing vs Item Level Adaptive Testing

	Multi-Stage Adaptive Testing (MST)	Item Adaptive
Test Delivery	Sets of questions (called modules)	One item at a time
Adaptive	Based on how students perform in the previous module	Based on how a student responds to each question
Navigation	Students can review items within a module	Students cannot go back to a question
Test Length	Supports shorter test lengths	Supports shorter test lengths
Examples	GRE, digital SAT	ACCUPLACER, SBAC, NWEA – MAP, NCLEX

Benefits of Multi-Stage Adaptive Testing

1. **Shorter Tests**
2. **Questions are tailored according to students' achievement**
3. **Allows students to navigate back to questions within a module**
4. **More secure testing**
5. **Allows disruptions in internet connectivity**
6. **More precise measurement**

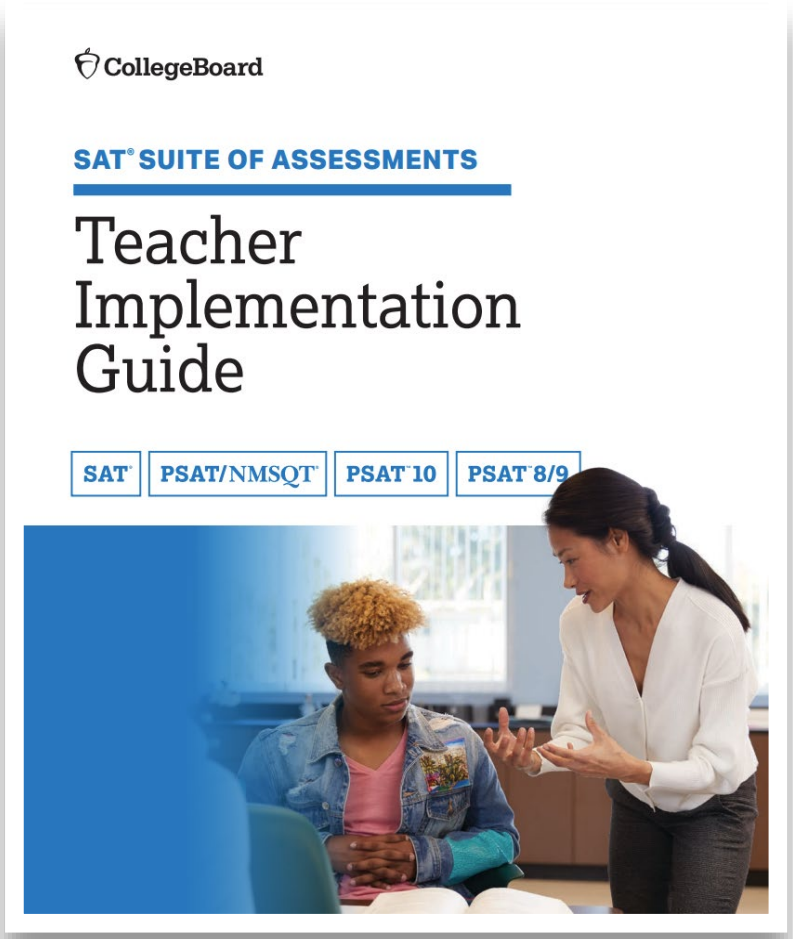
SAT Assessment Framework

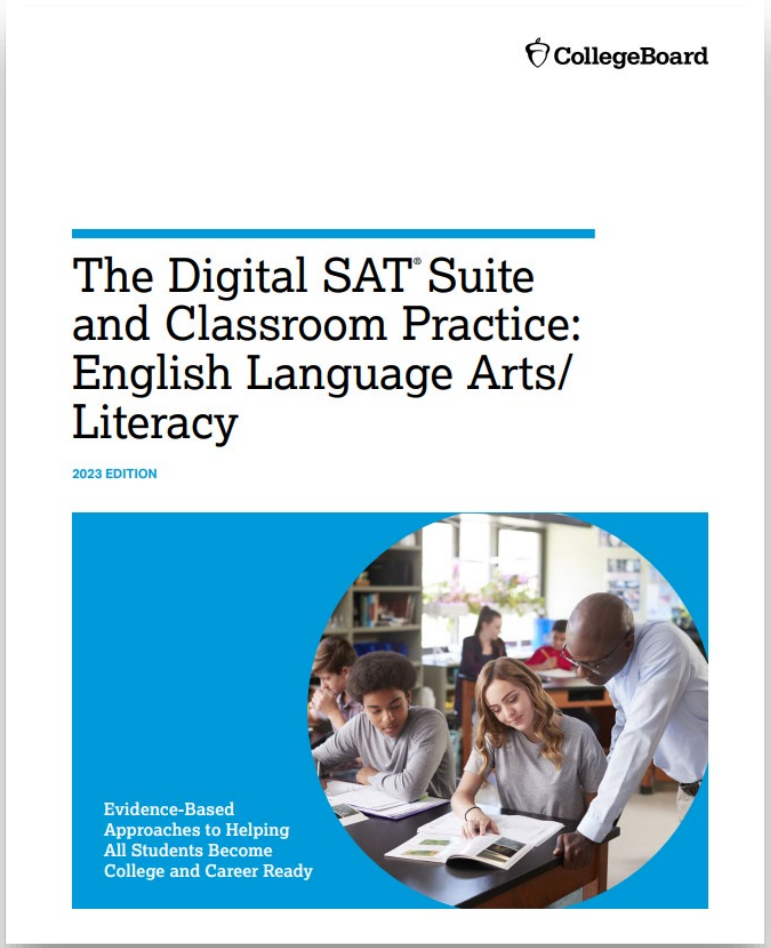


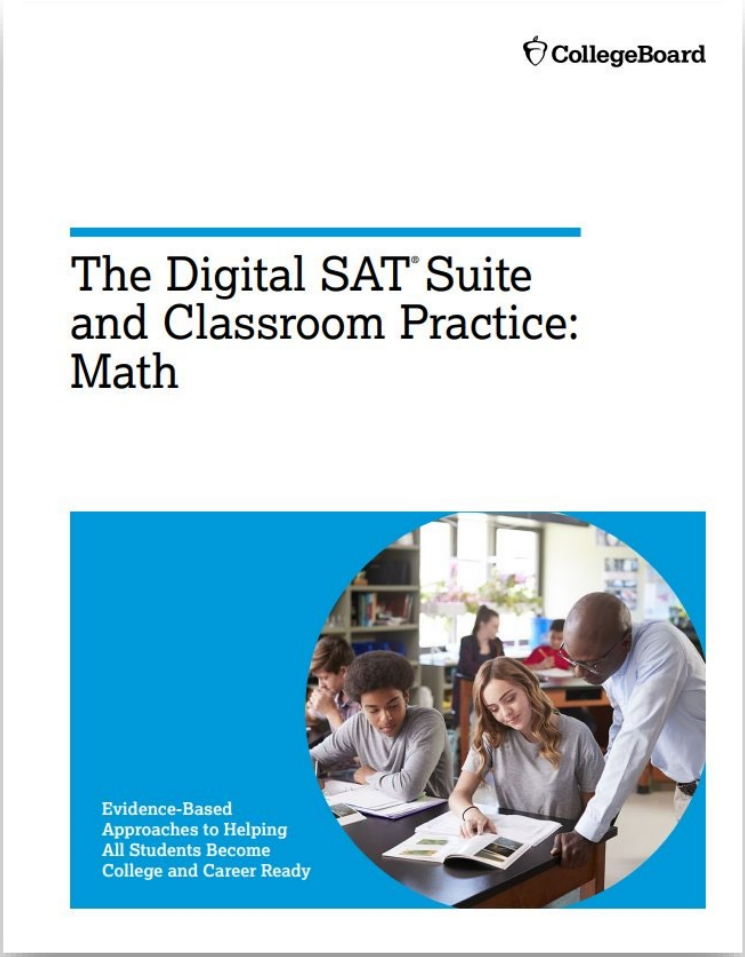
Instruction & Test Preparation

Instructional assistance College Board provides

Guides & Evidence-Based Problems of Practice to complement your professional learning communities' materials







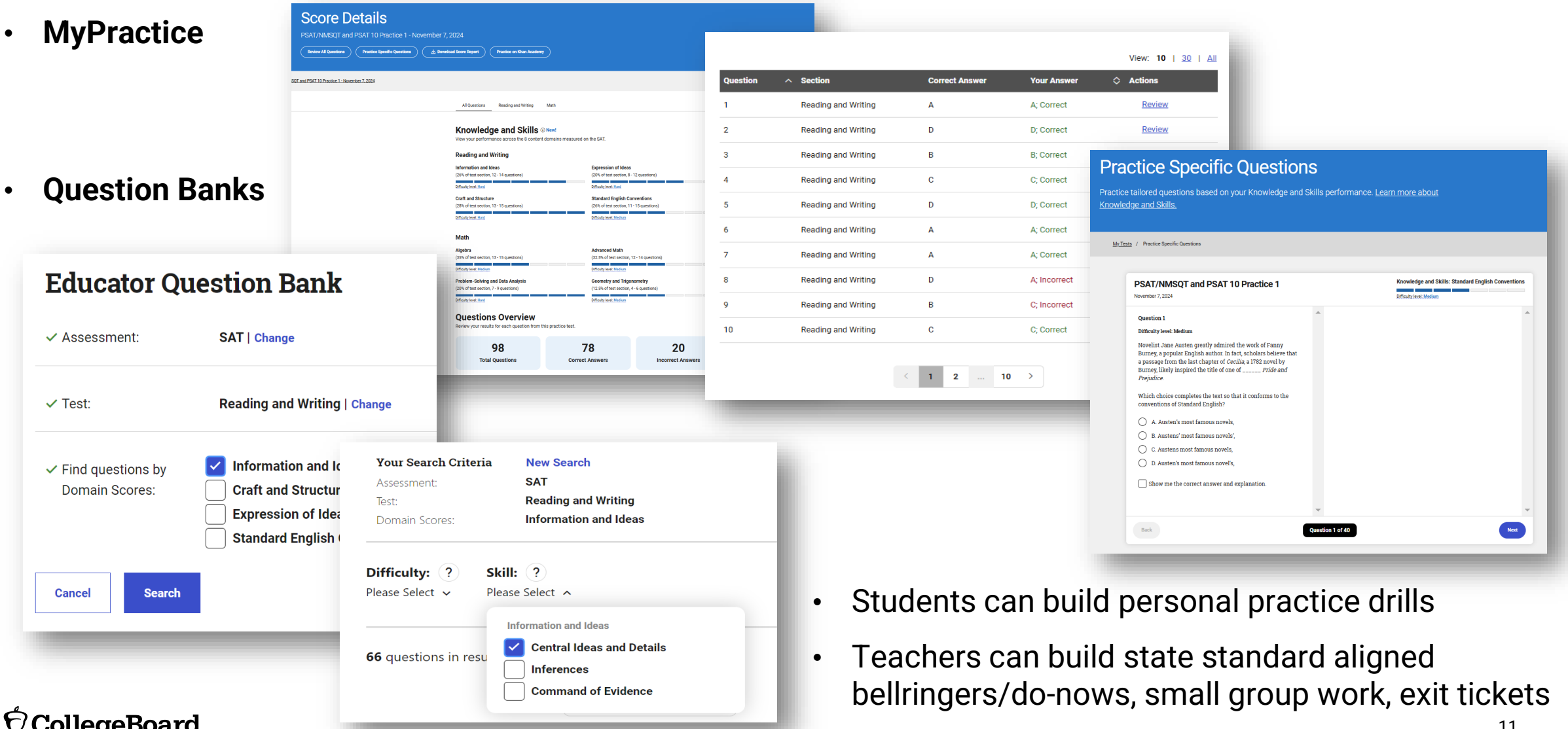
These are not test prep materials, but instructional planning and delivery aids toward academic understanding.

Free Test Prep resources College Board provides

1. **Full Length Practice Tests in Bluebook (Students)**
    a) Use accommodations if needed
    b) Use either as if under timed testing conditions or stop and resume as needed
    c) Access with a sign-in ticket for any still current test registration (e.g., sign-in tickets for fall testing provide access until the end of the calendar year, sign-in tickets for spring testing are available beginning the first week of February once the student is registered)
    d) Access 24/7/365 with a College Board student account
    e) Students see scores at https://mypractice.collegeboard.org/ (also a direct link from within their College Board account) where they can:
        i. Gain constructive feedback and guidance for growth (next slide)
        ii. Single-click consent to share their scores with their school (through its K-12 Data Portal) so teachers can provide structured support at scale
2. **Question Banks:** *Student and Educator versions* provide the same content but have different filters and formats appropriate for each audience (next slide)

Free Test Prep resources: A closer look

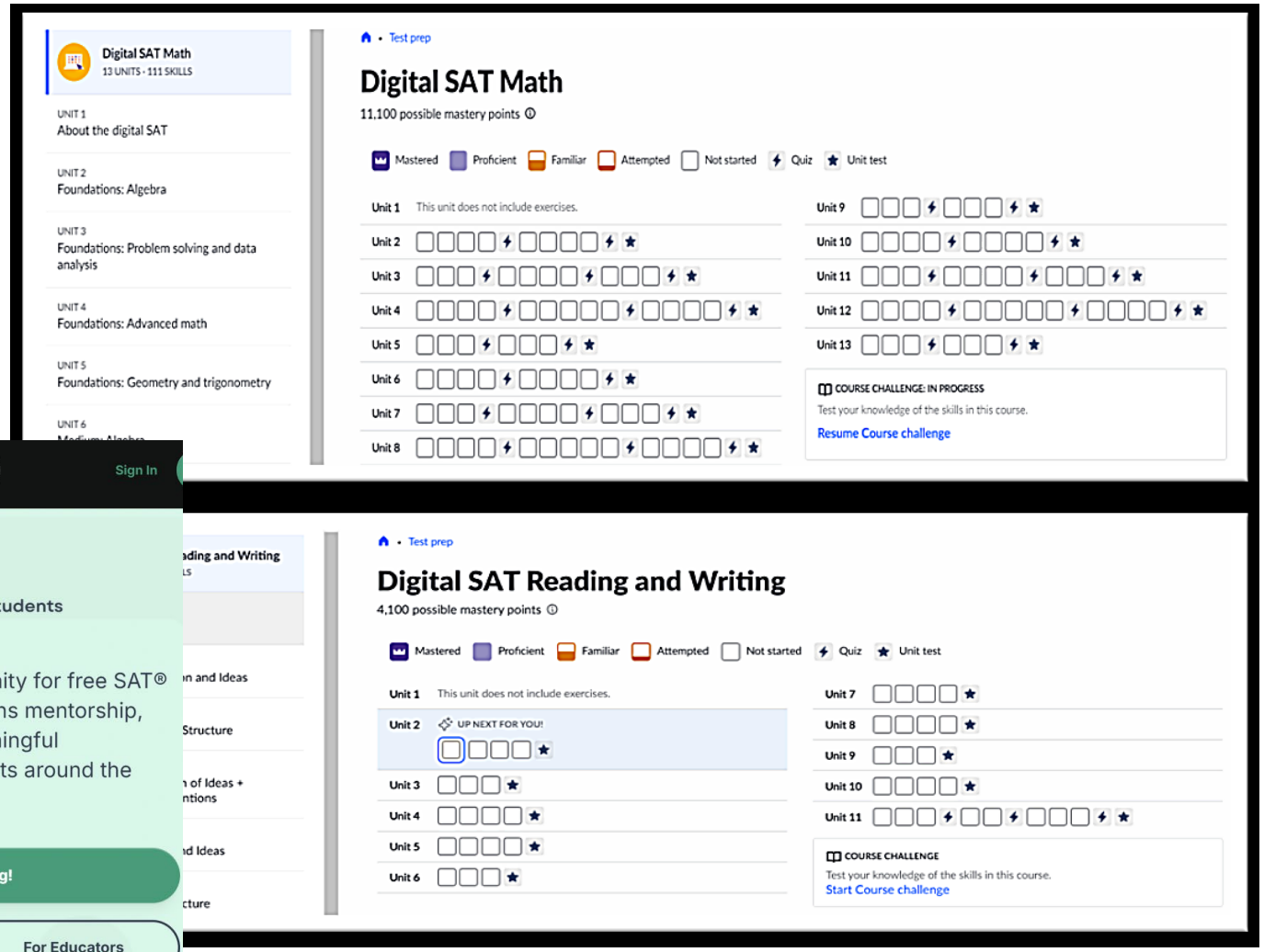
- **MyPractice**
- **Question Banks**

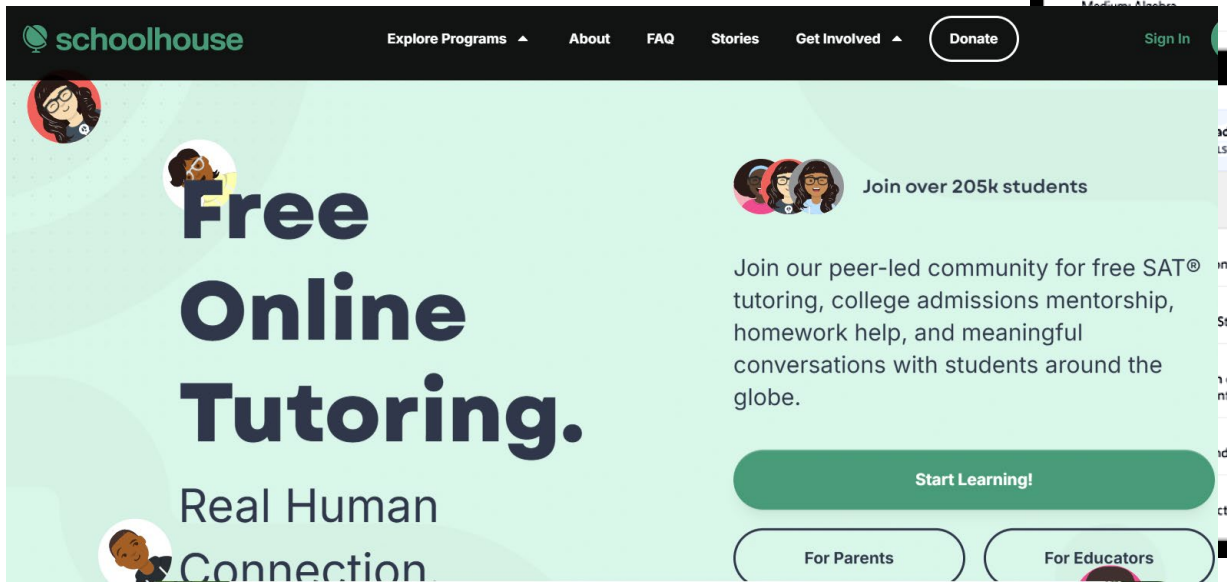


- Students can build personal practice drills
- Teachers can build state standard aligned bellringers/do-nows, small group work, exit tickets

A Free Bridge between instruction and test prep

1. Official College Board asynchronous, test aligned, individuated skill & content instruction through **Khan Academy**
2. Official College Board synchronous, online but in-person skill & content tutoring through **Schoolhouse.world**







Using SAT Suite Data (Preview)

For millions of students, the SAT helps them connect with and stand out to colleges

The SAT is key to helping **identify students from unknown backgrounds and helping them succeed**

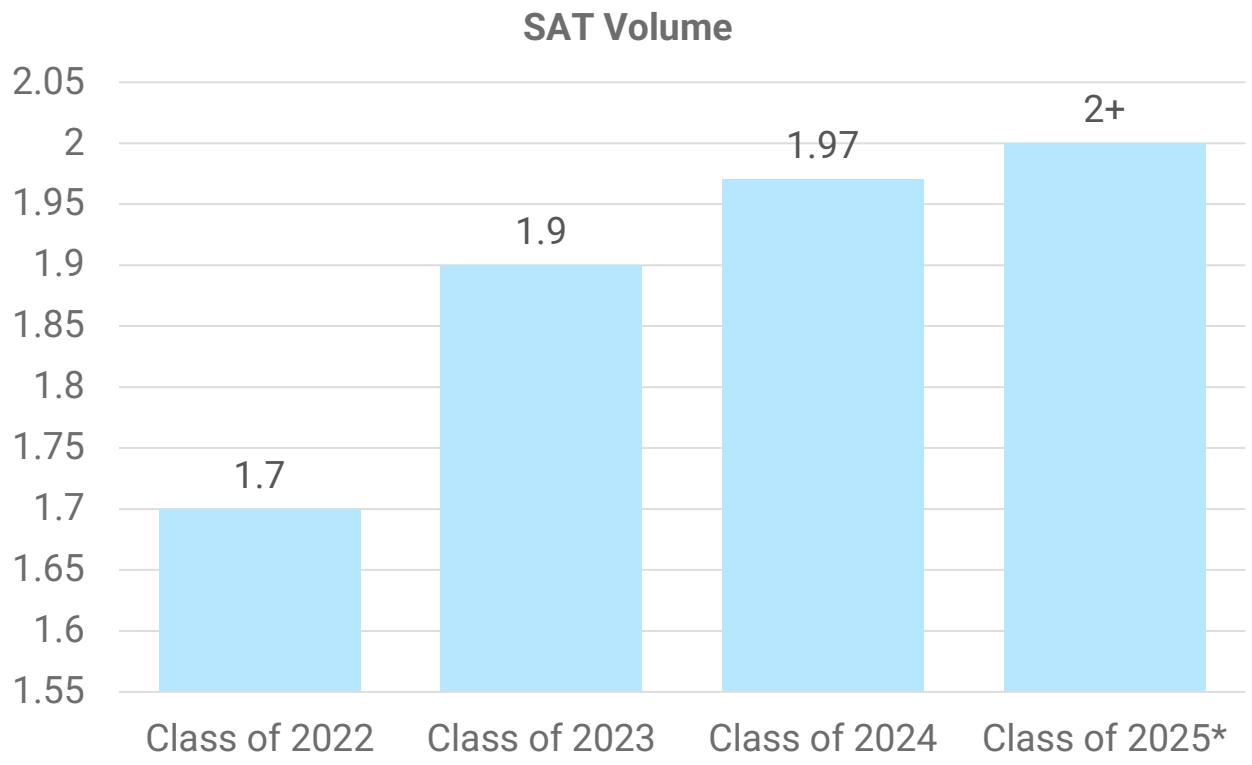
The SAT is **more fair than other measures in many ways**, and differentiates beyond (and with) GPA

Scores should always be in context, and the SAT should not be the only, or even the most, important factor in admissions

Whether scores are required or optional, the SAT remains an important part of the admissions process.

SAT Total Group Participation (test takers in millions)

Tracking to exceed pre-2020 volume



- Most, and a growing percentage of, students take the SAT on a school day
- More students take the fall PSAT/NMSQT
- **Performance improves with practice, and practice provides insight for instruction**

**Class of 2026 data will be released 10/26*

Key Findings

- Providing **clear and detailed information** about testing policies builds trust and reduces confusion.

- **SAT scores can be invaluable for a range of purposes** including course placement, understanding the incoming class, developing retention models and allocating support resources.

- Understanding students' SAT scores alongside college outcome data can help **inform testing policies that align with institutional priorities**

Beyond the Admissions Decision: New Trends in Test Score Use



https://highered.collegeboard.org/testscoreusecasestudies

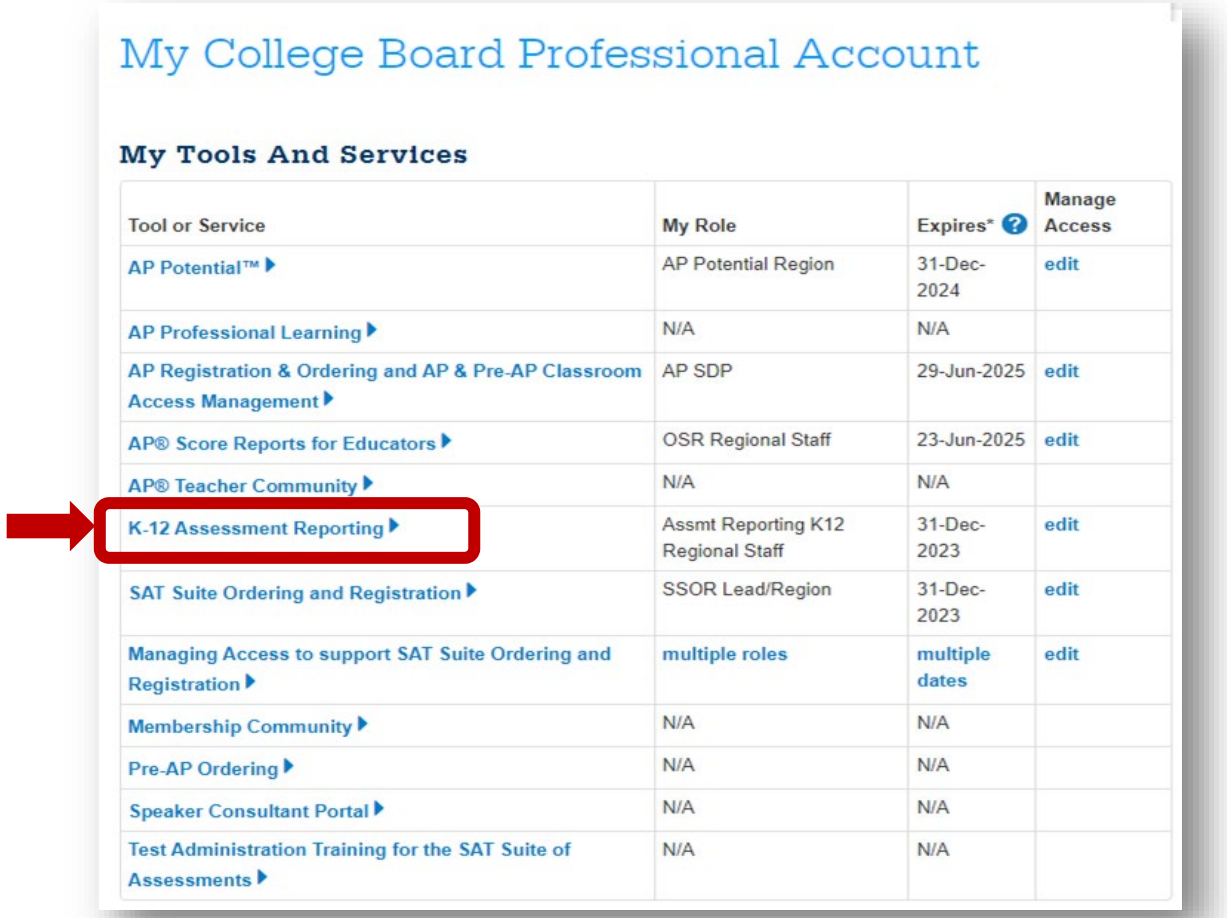
Accessing Data: K-12 Assessment Portal

College Board grants access to school principals and district test coordinators who then manage access for their school and district staff.

Access is through your College Board professional account dashboard (www.collegeboard.org), as pictured here.

If you do not have access and your principal or district test coordinator are unable to assist you (for example, when there has been a change in personnel), please contact your state-contract customer service:

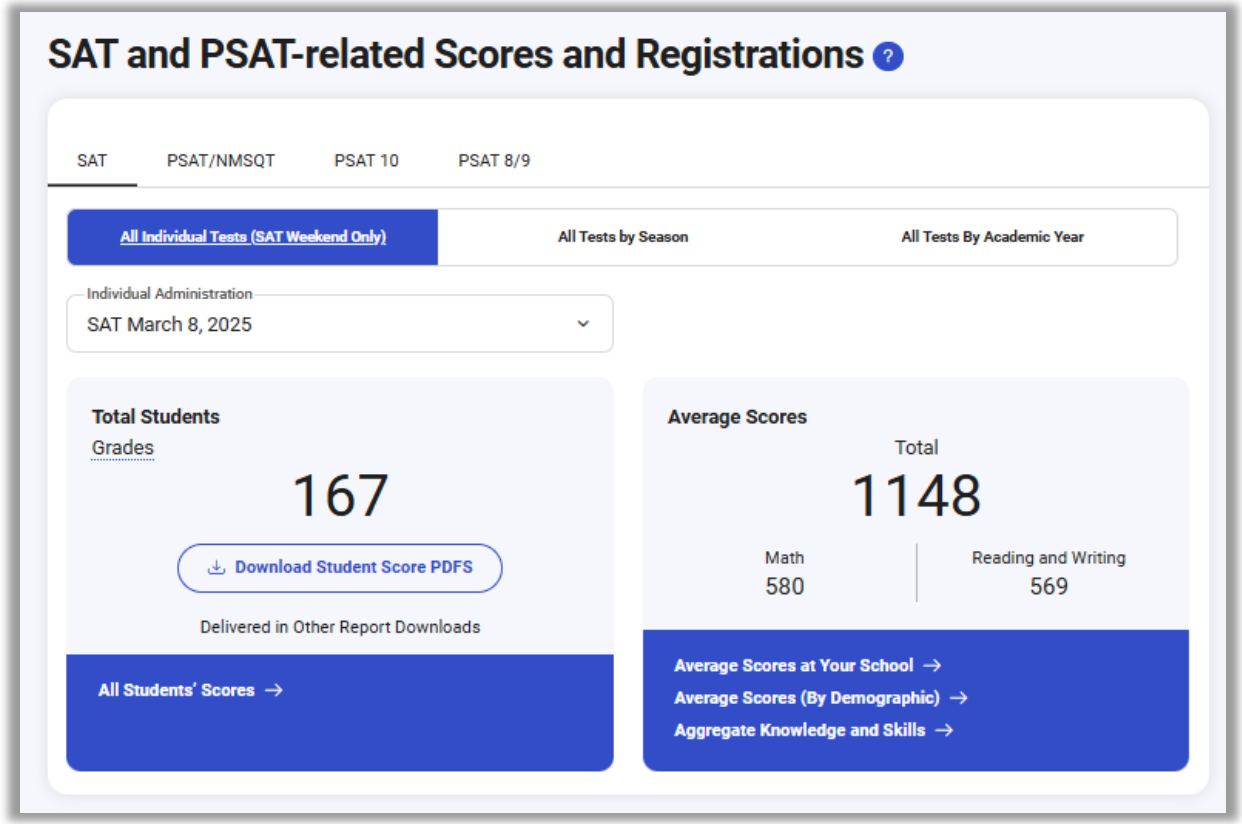
https://satsuite.collegeboard.org/state-partnerships/contact



K-12 Assessment Reporting Training Module

Leverage K-12 Reporting Portal Visualizations and Exports

1. Select the assessment you desire
2. Select a time frame and administration
3. Click to view which grades participated
4. Download the PDFs of your test takers' score reports if you need to print and provide a copy to a student/family
5. Scroll down to "Other Report Downloads" to request Growth Over Time reports or download your Electronic Student Record ("ESR", reviewed in later slides)
6. You may "single-click" view (with export option): a simple roster of student scores; average score data with district, state, and national comparative data; **aggregate knowledge and skills report (next slide)**



K-12 Report: Aggregate Knowledge and Skills

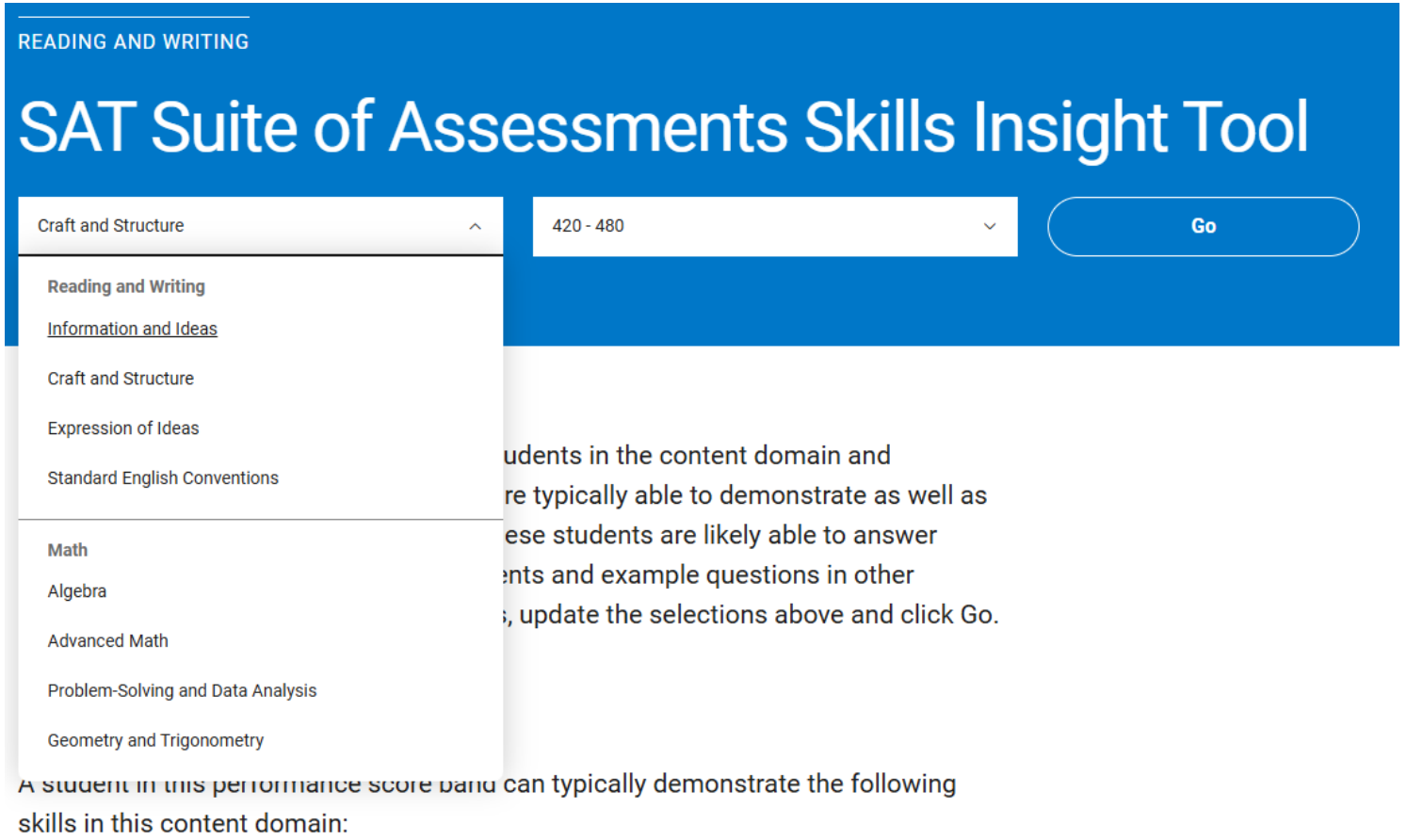
1. Select school, district or state level view
2. See the # and % of testers in each score band…
3. … across each content domain
4. Export data to share and use with your team
5. Click to access Skills Insight online tool, which includes seeing sample questions by score band and domain (next slide)

This is the Reading & Writing view. Clicking “Math” below renders same layout.



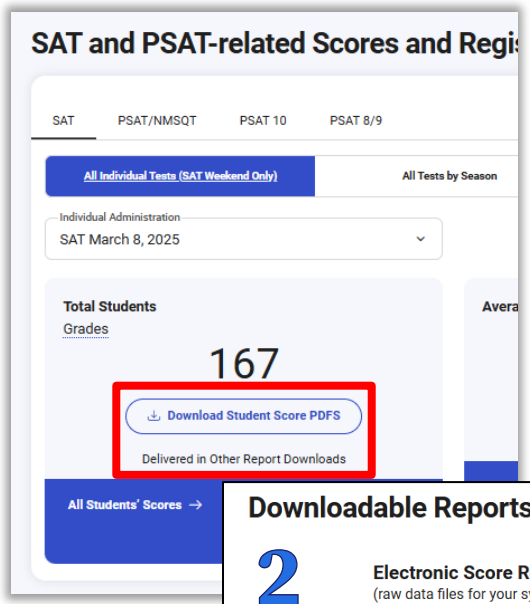
K-12 Tool: Skills Insight

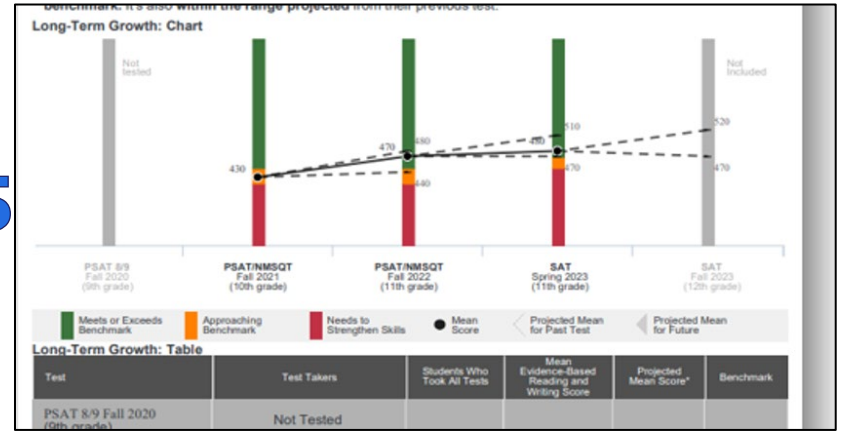
1. **From the first dropdown menu**, select which section of the test (Reading & Writing or Math) and content domain you want to review
2. **From the second dropdown menu**, specify which score band's details you want to see
3. **Click "Go"** to see what students in that score band would have demonstrated regarding that content domain, including a sample of the type of questions to which they would have correctly responded

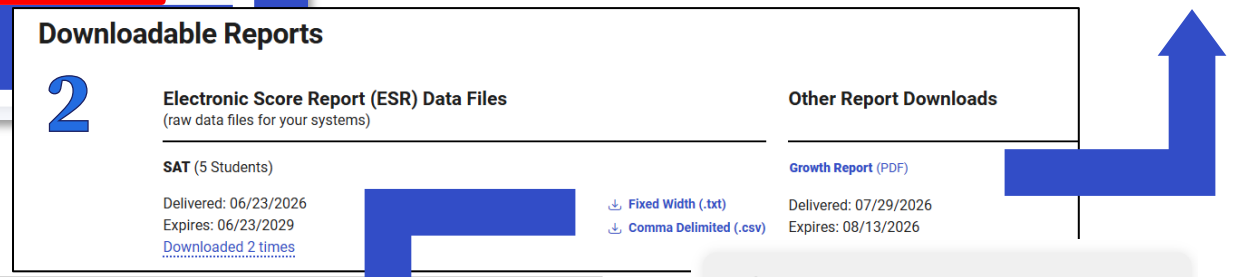


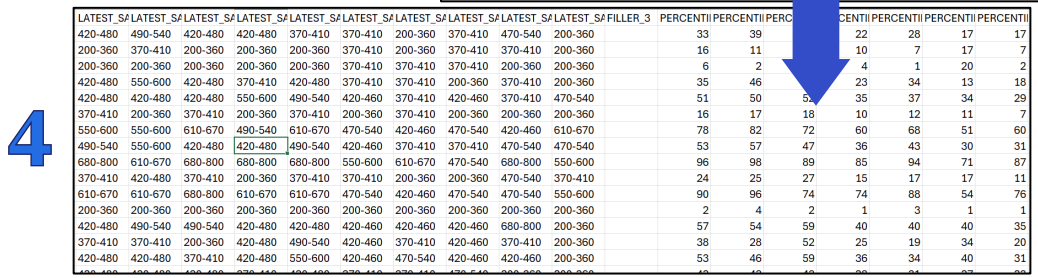
K-12 Download: Electronic Score & Growth Reports

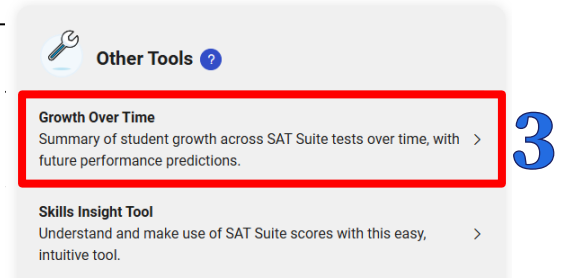
1. **From K-12 Reporting Portal Landing page**, if you downloaded Student Score PDFs or want to retrieve your ESR file **(4)…**
2. **… scroll down and click** the appropriate hyperlink under “Downloadable Reports”…
3. **… scroll further down for other tools/reports**, including to request that Growth Over Time **(5)** be delivered to your “Downloadable Reports” **(2)**











Links to presented Educator & Student Resources



Educator Resources

Teacher Implementation Guide:
- https://satsuite.collegeboard.org/media/pdf/redesigned-sat-k12-teacher-implementation-guide.pdf

Classroom Practice Guides:
- https://satsuite.collegeboard.org/media/pdf/sat-suite-classroom-practice-**english-language-arts-literacy**.pdf
- https://satsuite.collegeboard.org/media/pdf/sat-suite-classroom-practice-**math**.pdf

Educator Question Bank:
- https://satsuitequestionbank.collegeboard.org/



Student Resources

Practice Tests in Bluebook: https://bluebook.app.collegeboard.org/
Practice Test Scores & Insight in *MyPractice*: https://mypractice.collegeboard.org/
Student Question Bank: https://satsuite.collegeboard.org/practice/student-question-bank
Official Digital SAT® Prep on *Khan Academy*: https://www.khanacademy.org/test-prep/digital-sat
Free, Official, Online-but-Real-Human Tutoring: https://schoolhouse.world/