SAT

PROFESSIONAL DEVELOPMENT MODULE

10

Supporting Student Success with Official SAT® Practice on Khan Academy®

FACILITATOR'S GUIDE

CollegeBoard

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The **SAT® Suite of Assessments**, one component of the College Board Readiness and Success System, comprises the **PSAT™ 8/9, PSAT™ 10, PSAT/NMSQT®, and SAT**, and focuses on the few, durable skills that evidence shows matter most for college and career success. The tests included in the SAT Suite of Assessments are connected by the same underlying content continuum of knowledge and skills, providing schools with the ability to align vertical teams and create cross-subject tasks.

The SAT Suite is aligned with classroom instruction. At the College Board, we know that the best way to prepare students for college and career is through excellent instruction aligned with college- and career-ready content and skills, and we have the opportunity to support excellent instruction by designing assessments that measure the skills that matter most for college and career readiness. We are committed to partnering with teachers and school and district leaders to help students build the necessary skills that will ensure their success at their chosen college, university, or career training programs.

The purpose of the *Professional Development Modules for Educators* is to build a deep understanding of the content and skills assessed on the SAT Suite of Assessments, and to support educators as they identify the natural points of alignment across the SAT Suite, classroom instruction, and curriculum. The modules are flexible; they are designed for download and presentation in various meetings and professional development sessions, for individual or group use. The presentations can be viewed in one sitting or broken into shorter chunks over time. Each module suggests interactive activities for groups and teams, but the content can be reviewed by individuals. There is no one right way to engage in this professional development; it is our hope that individuals, schools, and districts will use the presentations and handouts in ways that maximize effectiveness in a variety of situations.

WE WANT TO HEAR ABOUT YOUR EXPERIENCE WITH THE MODULES!
Email **SATinstructionalsupport@collegeboard.org** and take the **Exit Survey** to share your feedback. © 2016 The College Board.

What's in the Modules?

- **Module 1** – *Key Features*
- **Module 2** – *Words in Context and Command of Evidence*
- **Module 3** – *Expression of Ideas and Standard English Conventions*
- **Module 4** – *Math that Matters Most: Heart of Algebra and Problem Solving and Data Analysis*
- **Module 5** – *Math that Matters Most: Passport to Advanced Math and Additional Topics in Math*
- **Module 6** – *Using Scores and Reporting to Inform Instruction*
- **Module 7** – *Connecting History/Social Studies Instruction with the SAT Suite of Assessments*
- **Module 8** – *Connecting Science Instruction with the SAT Suite of Assessments*
- **Module 9** – *The SAT Essay*
- **Module 10** – *Supporting Student Success with Official SAT® Practice on Khan Academy*

Each module is independent and can be viewed alone, although we strongly recommend becoming familiar with Module 1 before reviewing any of the other modules.

What's in this Facilitator's Guide?

Each module is accompanied by a Facilitator's Guide like this, which includes suggested discussion points, pacing guide, handouts, and activities. Each Facilitator's Guide lists the approximate length of time needed for each slide and activity. In addition, the guide suggests section breaks (chapters) to allow for a more succinct, targeted review of the content.

What Are the Suggestions for Module Presentations?

1. Review the complete Facilitator's Guide with handouts and the PowerPoint presentation to get familiar with the suggested talking points, activities, and handouts in the presentation.
2. Provide a paper or electronic copy of the PowerPoint presentation to all participants for personal review and note-taking.
3. Print or email all handouts at the end of this Facilitator's Guide for each participant.
4. Review the suggested timing for each slide and activity, and choose activities that fit in the time frame allotted for your meeting.
5. Each module assumes a new group of participants is present. If the participants have engaged in other modules, adjust and remove content that is repetitive.
6. Please follow up each presentation with an email to participants that contains a link to the online exit survey. Your feedback is valuable and will be used to improve the modules!

What Are the Follow-Up Activities?

Module 1 professional development is meant to be a starting point. Modules 2 through 10 include suggestions for follow-up activities to continue the learning beyond the presentation. Look for suggestions at the end of each Facilitator's Guide in Modules 2–10.

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PLANNING YOUR MEETING FOR YOUR AUDIENCE AND TIME ALLOTTED

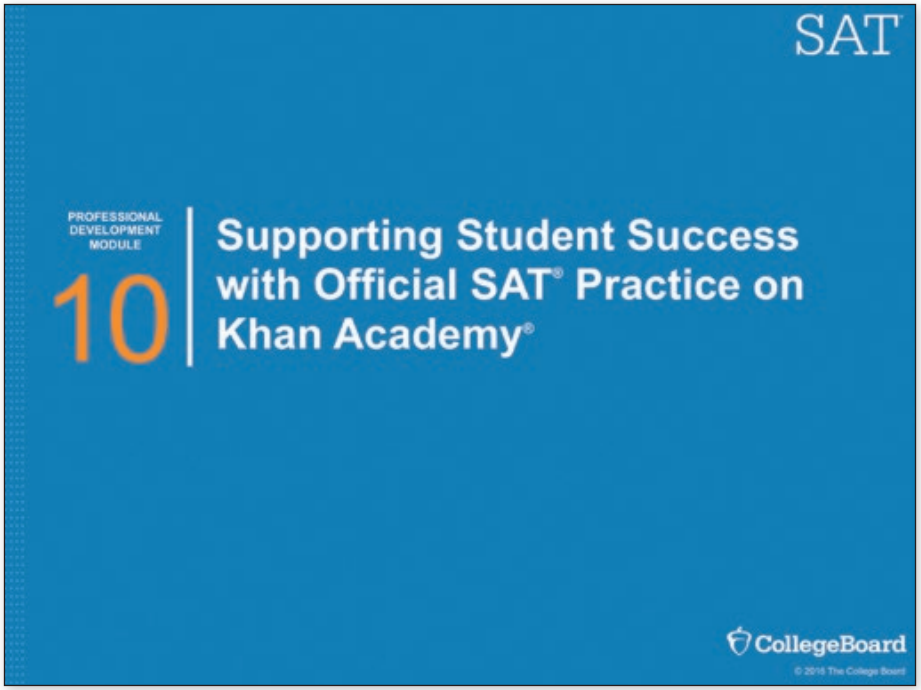
Chapter Title	Audience	Plan This Much Time	Use These Slides	Use These Handouts
Chapter 1: Overview	Participants new to Official SAT Practice on Khan Academy	20 minutes	1–12	
Chapter 2: Linking College Board and Khan Academy Accounts	Participants who do not have Khan Academy accounts and may help students link their accounts	30 minutes	13–27	Linking College Board and Khan Academy Accounts
Chapter 3: Daily Practice App	Participants who will give students full-length practice tests	10 minutes	28–32	
Chapter 4: Supporting Students with Official SAT Practice	Participants in search of examples for using Official SAT Practice on Khan Academy	30–45 minutes	33–46	Tracking Student Progress Checklist for Implementation
Chapter 5: Developing a Plan for Official SAT Practice	School-based teams interested in developing a comprehensive implementation plan for Official SAT Practice on Khan Academy	60–90 minutes	47–56	Checklist for Implementation Designing an Implementation Plan for Official SAT Practice

Suggested Discussion Points/Handouts/Activities

SLIDE 1	ESTIMATED TIME (IN MINUTES): 1

Welcome to Module 10: Supporting Student Success with Official SAT Practice on Khan Academy

Suggest that all participants have a laptop or tablet to access Official SAT Practice online during the session.

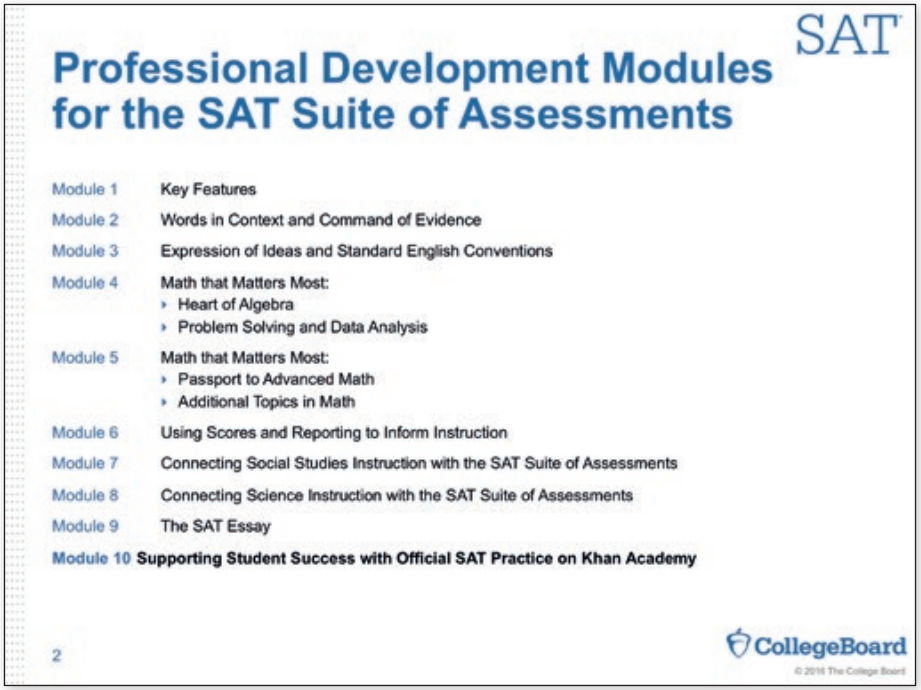


Suggested Discussion Points/Handouts/Activities

SLIDE 2	ESTIMATED TIME (IN MINUTES): 1

This is the 10th professional development module for educators. All modules are available at **sat.org/k12**.

These modules are intended to help K–12 educators understand the format of the SAT Suite of Assessments and the knowledge, skills, and understandings assessed in the SAT Suite. They do not have to be used sequentially, and are built for users to modify and adjust for their professional development needs.



Suggested Discussion Points/Handouts/Activities

SLIDE 3	ESTIMATED TIME (IN MINUTES): 1

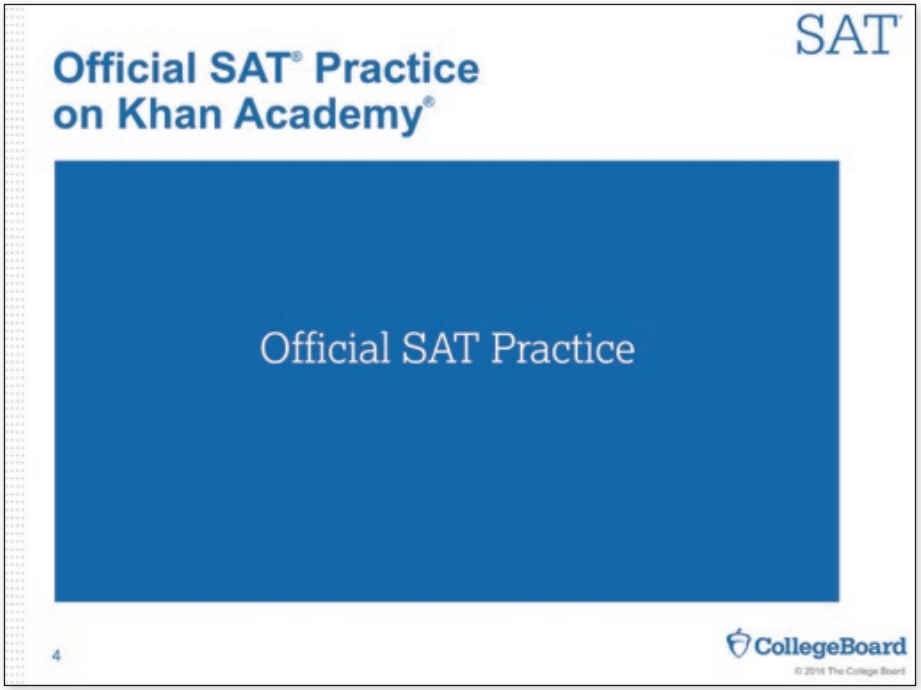
Let's begin with a review of the Official SAT Practice on Khan Academy. The purpose of Chapter 1 is to provide an overview of Official SAT Practice on Khan Academy and to provide a foundation for participants to learn more about the program as they begin to think about how to implement it in their schools.

To assess participants' prior knowledge and understanding of Khan Academy, ask how many are familiar with Khan Academy. Ask for volunteers to share how Khan Academy is or can be used in the classroom. Ask whether they have used Official SAT Practice on Khan Academy and what their experience has been with the program.

Suggested Discussion Points/Handouts/Activities

SLIDE 4	ESTIMATED TIME (IN MINUTES): 2

Play Video



Suggested Discussion Points/Handouts/Activities

SLIDE 5	ESTIMATED TIME (IN MINUTES): 1

If participants need background on Khan Academy:

Khan Academy is a nonprofit that provides free online materials and resources to support personalized education for learners of all ages.

Founded by Salman Khan in 2008 after he saw the popularity of videos he was creating to help his cousin with math, Khan Academy now has a team of over 100 full-time employees.

Khan Academy has delivered over 400 million lessons, and learners have completed over 4 billion exercise problems (around 4 million per day!).

Together, the College Board and Khan Academy have developed comprehensive SAT practice materials that are personalized, interactive, and engaging and are completely FREE.

Official SAT Practice is powered by thousands of practice problems, developed by Khan Academy and approved by the College Board. For the first time ever, all students have access to the best SAT practice available, regardless of educational background or ability to pay for preparation.

Practice programs are individually targeted to address each student's greatest areas of need (based on diagnostic assessment on **satpractice.org** or based on the student's past PSAT/NMSQT, PSAT 8/9, PSAT 10, or SAT results).

When students create their accounts with Khan Academy, they can take diagnostic assessments that allow Khan Academy to evaluate their results and create a practice program that is individually targeted to address that student's greatest areas of need. They can choose to link their College Board and Khan Academy accounts, and Khan Academy will use their results from the SAT Suite of Assessments to tailor their SAT practice to their individual needs.

Suggested Discussion Points/Handouts/Activities

SLIDE 6	ESTIMATED TIME (IN MINUTES): 3

The following five slides provide an overview of how students interact with Official SAT Practice on Khan Academy.

Tiffany begins working with the Official SAT Practice on Khan Academy by creating a College Board account and a Khan Academy account. When she creates the Khan Academy account and navigates to SAT Practice, she is prompted to link the two accounts. (More on linking accounts in Chapter 2.)

Suggested Discussion Points/Handouts/Activities

SLIDE 7	ESTIMATED TIME (IN MINUTES): 1

By linking the two accounts, Khan Academy is able to use the data from the College Board SAT Suite of Assessments to create a personalized learning road map for SAT practice for Tiffany. It will direct her to the areas in which she most needs practice based on her scores on the SAT Suite of Assessments.

Suggested Discussion Points/Handouts/Activities

SLIDE 8	ESTIMATED TIME (IN MINUTES): 1

Tiffany has several choices for practicing for the SAT. She can practice using the Official SAT Practice tests on Khan Academy or download the practice tests directly on Khan Academy or on **sat.org/practice**. She also practices on the Daily Practice App (more on the app in Chapter 3). Practice is personalized based on skill-based practice, both timed and untimed, as well as full exams. There are practice tests and targeted skill practice that customize the student's personal learning road map.

Suggested Discussion Points/Handouts/Activities

SLIDE 9	ESTIMATED TIME (IN MINUTES): 1

As Tiffany takes paper/pencil SAT practice tests from **sat.org/practice**, she can score the test instantly and feed those results to Official SAT Practice using the Daily Practice App. The Daily Practice App allows her to take a picture of the answer sheets and instantly receive a score. More information on the Daily Practice App is available in Chapter 3.

Suggested Discussion Points/Handouts/Activities

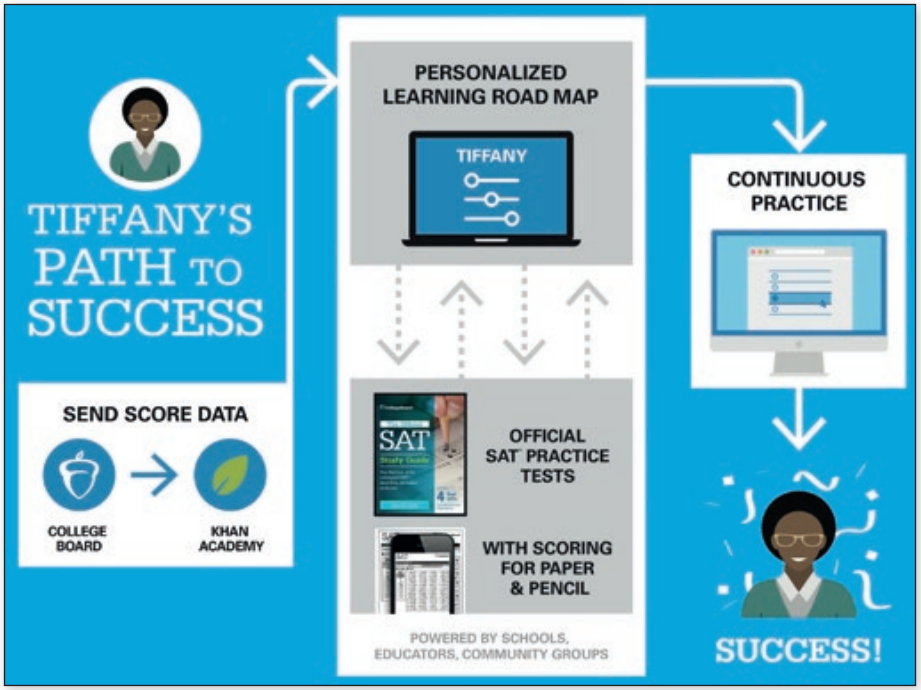
SLIDE 10	ESTIMATED TIME (IN MINUTES): 1

As Tiffany continues to practice, Official SAT Practice on Khan Academy continues to refine her personalized learning road map so that she is working in the areas she most needs to practice.

Suggested Discussion Points/Handouts/Activities

SLIDE 11	ESTIMATED TIME (IN MINUTES): 1

As you can see there are different components of Official SAT Practice. It is official, has full length exams, practice problems, timed mini sections, practice schedule, and diagnostics. All of this personalized practice leads Tiffany to success on the SAT!



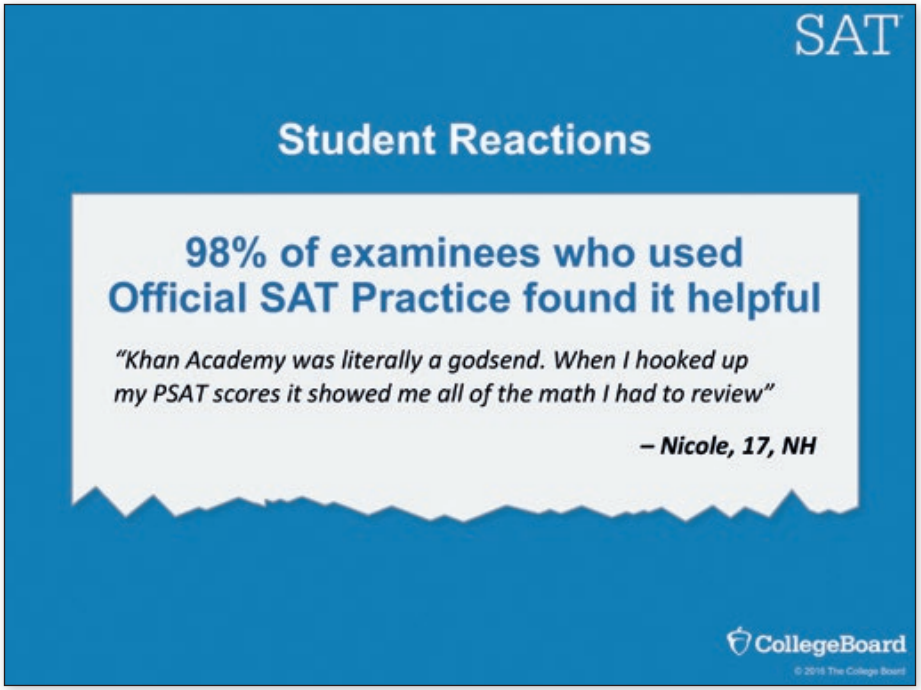
Suggested Discussion Points/Handouts/Activities

SLIDE 12	ESTIMATED TIME (IN MINUTES): 1

There have been over 2 million students who have already created accounts on Official SAT Practice. Students who have engaged in Official SAT Practice on Khan Academy have found it to be extremely helpful.

Additional information

- Almost half of all spring SAT test-takers used Official SAT Practice on Khan Academy to prepare for the SAT.
- More students now prepare for the SAT with Khan Academy than with all commercial test-prep courses combined.
- Over 50 percent of U.S. high schools in America have at least one student with a linked account.



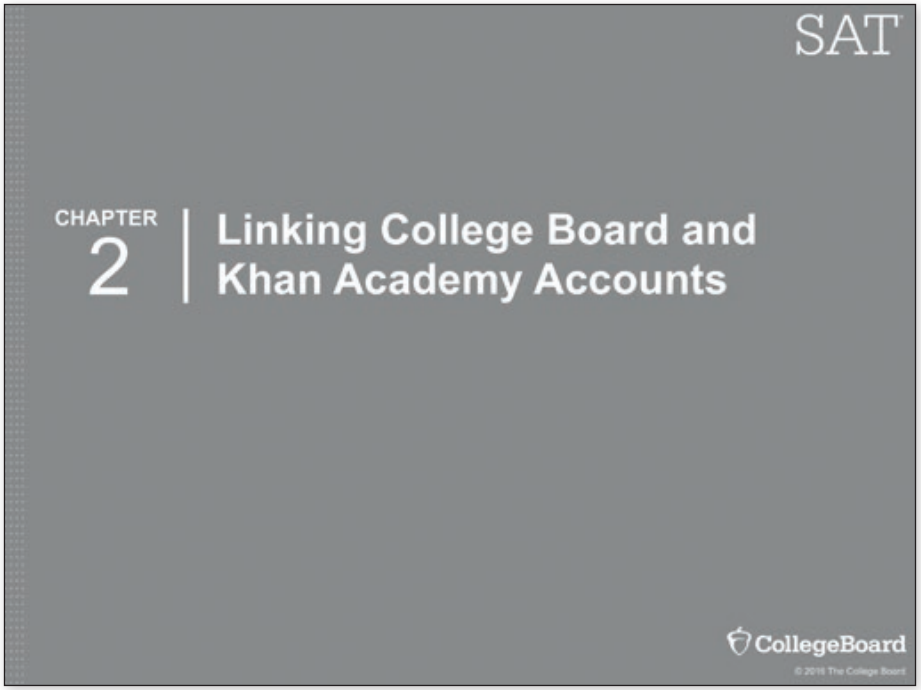
Suggested Discussion Points/Handouts/Activities

SLIDE 13	ESTIMATED TIME (IN MINUTES): 1

The purpose of Chapter 2 is to help participants understand the process of linking student College Board accounts with Khan Academy accounts.

Activity: Guide participants through the process of setting up Khan Academy accounts using slides 13–28. Information about linking accounts is included, but only College Board student accounts can be linked with Khan Academy accounts. Ask participants to go online to ***satpractice.org****.*

Slide 29 includes an activity for looking through the OSP (Official SAT Practice) site.

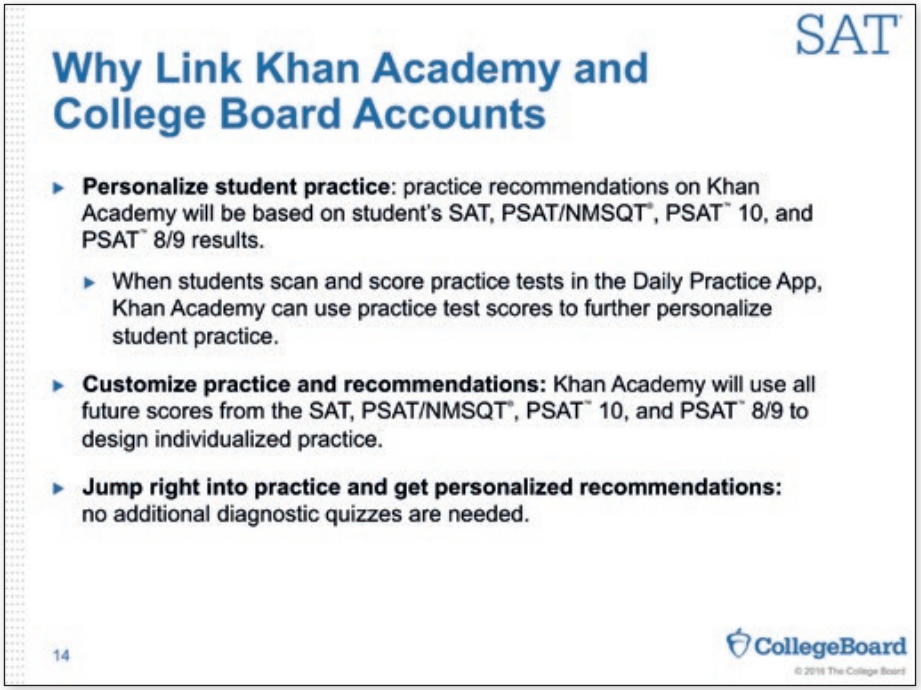


Suggested Discussion Points/Handouts/Activities

SLIDE 14	ESTIMATED TIME (IN MINUTES): 2

While educators cannot link their College Board and Khan Academy accounts, students can. This can help them get to personalized practice quickly. When the accounts are linked, students receive personalized practice plans based on students' SAT and PSAT–related results. Khan Academy will continue to refine individualized practice based on any results from the SAT Suite of Assessments. Students with linked accounts and prior SAT Suite Assessment scores do not need to take additional diagnostic quizzes to receive personalized practice.

When accounts are linked, Khan Academy will also use results that are taken on Official SAT Practice or scanned and scored using the Daily Practice App.



Suggested Discussion Points/Handouts/Activities

SLIDE 15	ESTIMATED TIME (IN MINUTES): 1

It is easy to find Official SAT Practice on Khan Academy. Just visit **satpractice.org**. Beyond the over 4,000 questions, six full-length tests, and hundreds of hours of videos, one of the most powerful aspects of Official SAT Practice on Khan Academy is that it allows students to link their actual performance on the SAT, PSAT/NMSQT, PSAT 10, or PSAT 8/9 directly to Khan Academy for personalized learning. This means that every hour spent on Official SAT Practice is spent working on a topic that is directly connected to improvement.

Suggested Discussion Points/Handouts/Activities

SLIDE 16	ESTIMATED TIME (IN MINUTES): 5

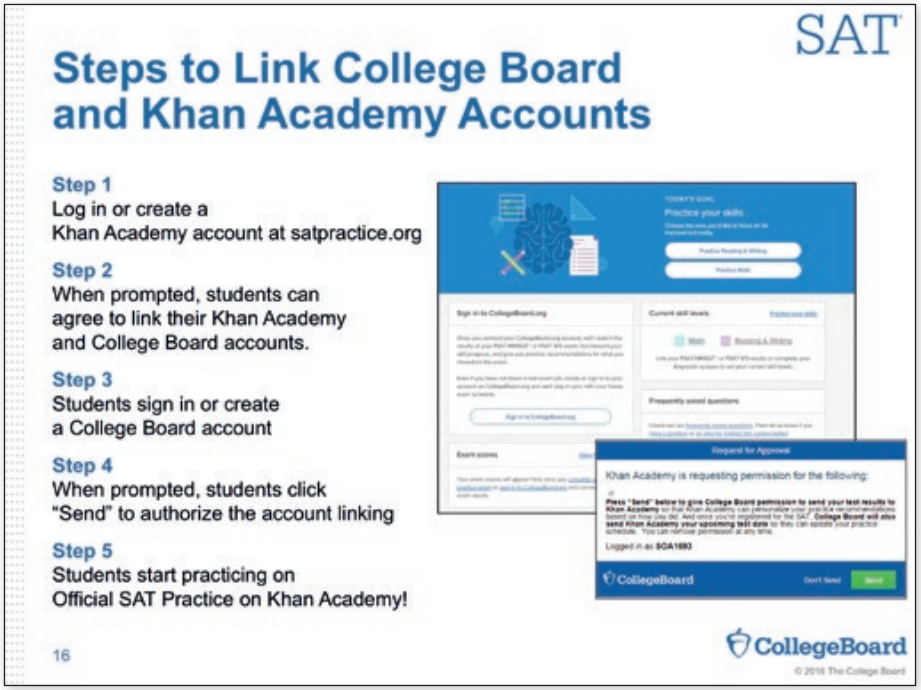
Handout: Linking College Board and Khan Academy Accounts

Activity: Ask participants to sign in or create a Khan Academy account using Gmail, Facebook, or their email address at this time.

Provide participants with an overview of the steps for linking student College Board and Khan Academy accounts. Information about linking is included to help participants understand what students will see when they link their accounts.

Alternatively, students can choose to link after they've signed up by going to their dashboard and selecting to link to College Board (NOTE: This is the picture seen, not the onboarding experience. The onboarding experience is what's shown in the next slide).

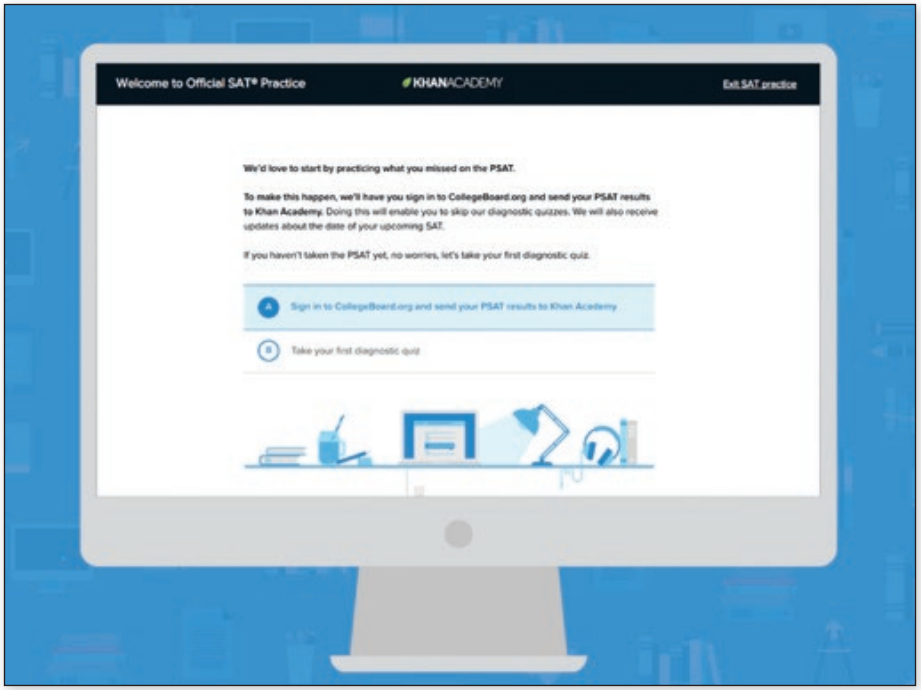
If interested, there is a linking video available at **youtube.com/collegeboard**.



Suggested Discussion Points/Handouts/Activities

SLIDE 17	ESTIMATED TIME (IN MINUTES): 1

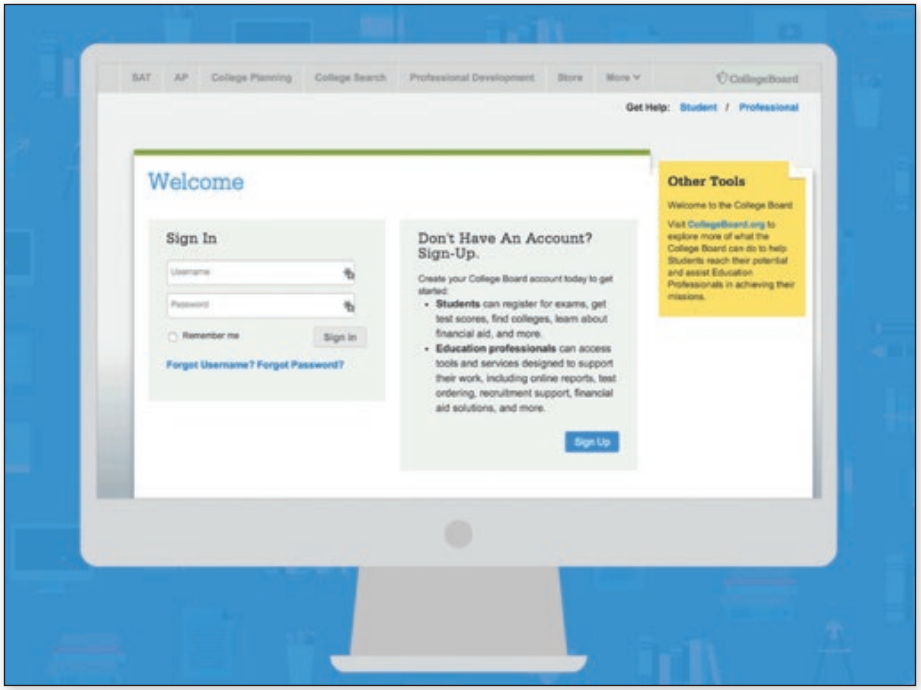
Students will see this screen as they begin the linking process. Linking begins when they click "Sign in to **collegeboard.org** and send your PSAT results to Khan Academy."



Suggested Discussion Points/Handouts/Activities

SLIDE 18	ESTIMATED TIME (IN MINUTES): 1

Next they're taken to a College Board–owned login screen where they enter their College Board credentials. Again, this is a College Board window, so Khan Academy doesn't get this information.

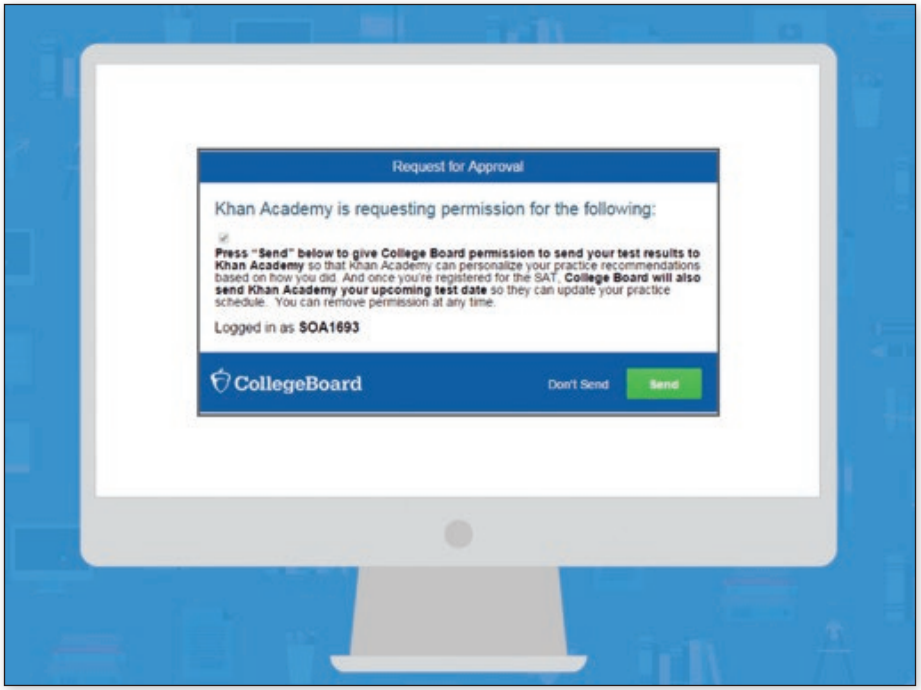


Suggested Discussion Points/Handouts/Activities

SLIDE 19	ESTIMATED TIME (IN MINUTES): 1

The College Board asks for student permission to link accounts — of course the College Board needs their permission before any information is shared.

Students will also be prompted to share their activity with College Board.



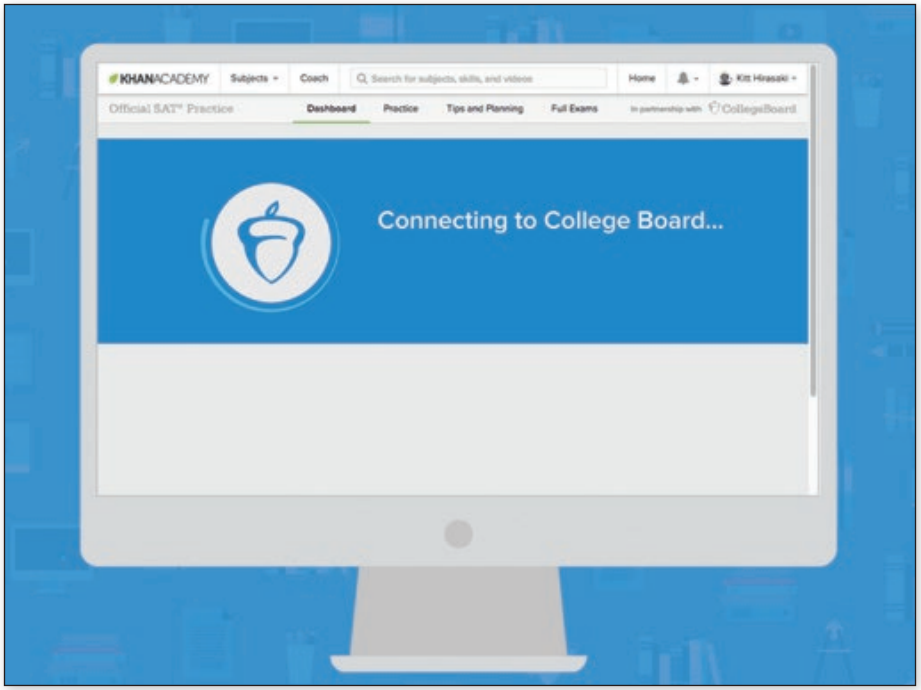
Suggested Discussion Points/Handouts/Activities

SLIDE 20	ESTIMATED TIME (IN MINUTES): 1

Once a student clicks "Send" she's taken back to Khan Academy, which makes the connection.

[Facilitator's note: this series of slides goes best if you move through them quickly, as students would experience them.]

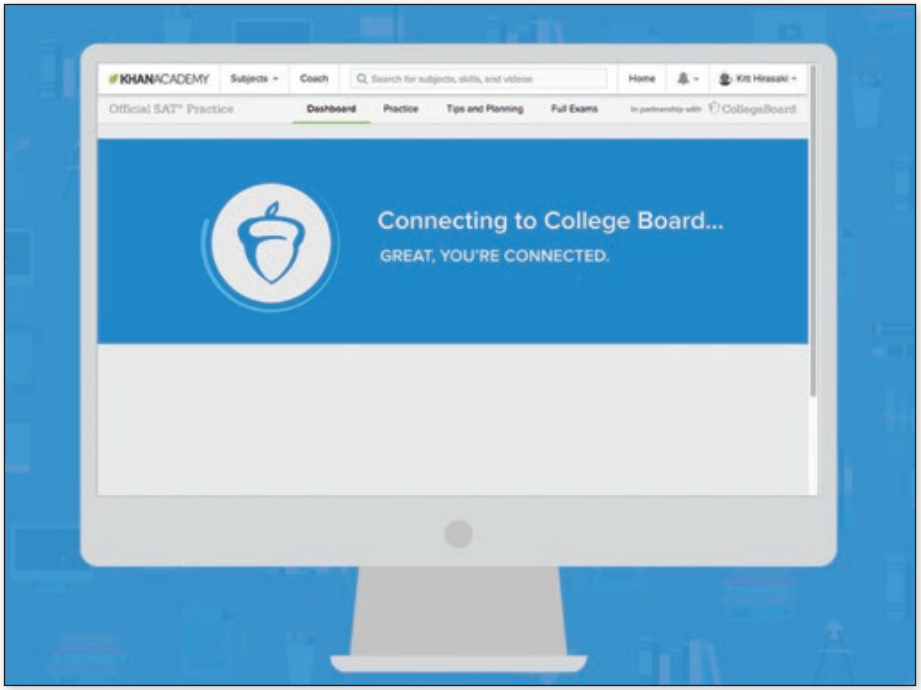
The student will also be asked if they can share their data with the College Board during this step. They need to accept the notification to link accounts.



Suggested Discussion Points/Handouts/Activities

SLIDE 21	ESTIMATED TIME (IN MINUTES): 1

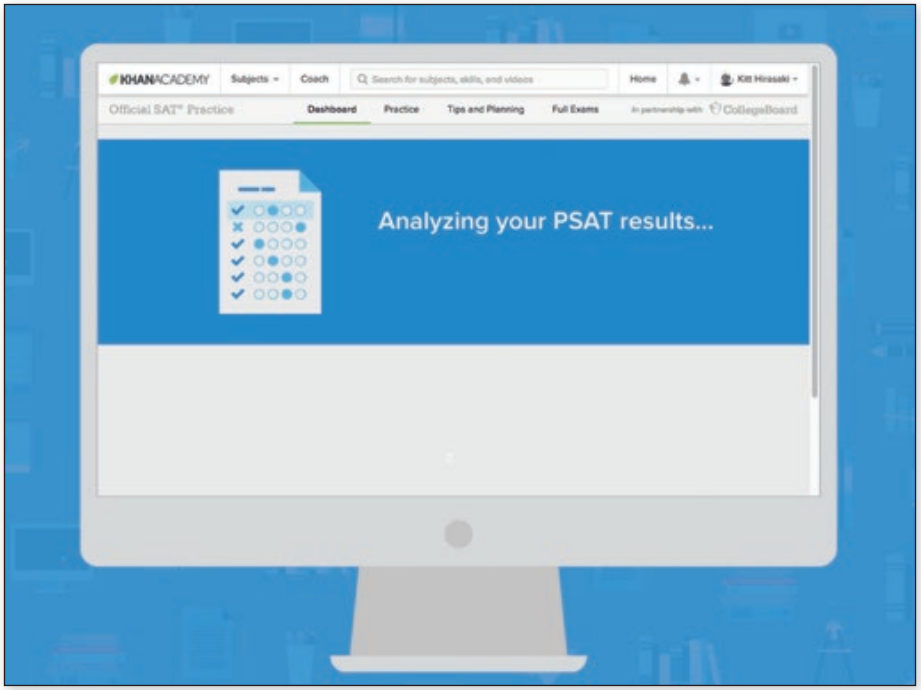
Connection successful!



Suggested Discussion Points/Handouts/Activities

SLIDE 22	ESTIMATED TIME (IN MINUTES): 1

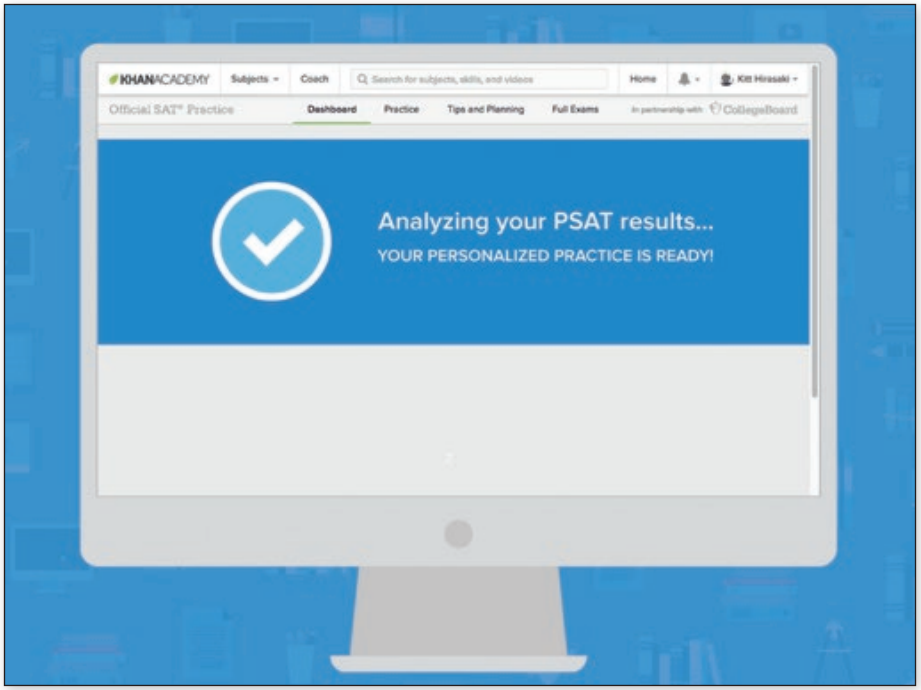
The Khan Academy platform analyzes what questions the student answered correctly or incorrectly on their tests.



Suggested Discussion Points/Handouts/Activities

SLIDE 23	ESTIMATED TIME (IN MINUTES): 1

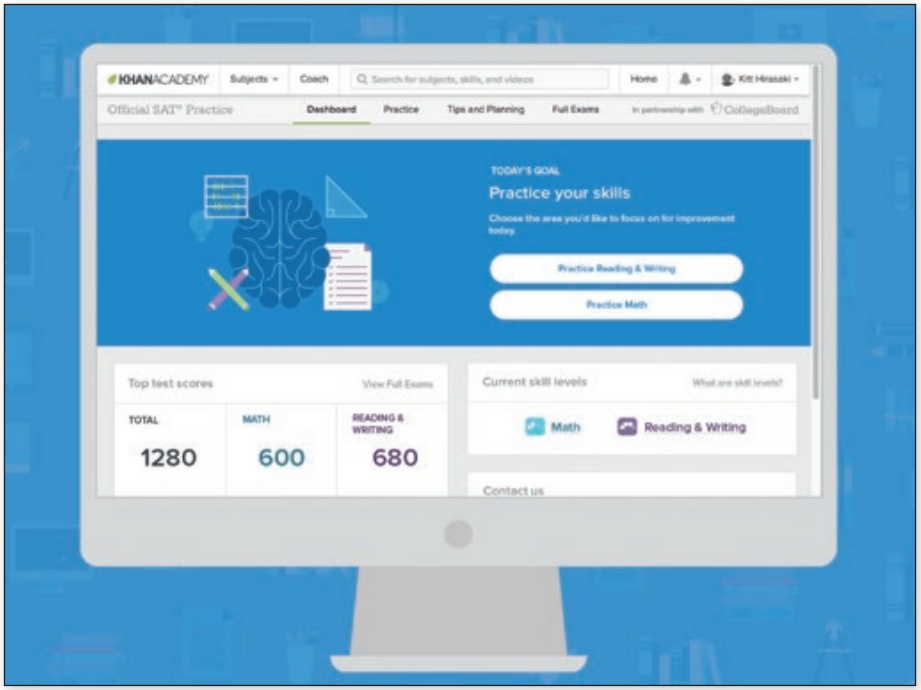
The system is now ready to serve up personalized learning for the student.



Suggested Discussion Points/Handouts/Activities

SLIDE 24	ESTIMATED TIME (IN MINUTES): 1

This is the dashboard students land on, leading them to the practice questions. It also shows previous scores as well as their current skill levels. The College Board data-sharing agreement with Khan Academy ensures that no student personally identifiable information, score, or test information is stored permanently by Khan Academy.

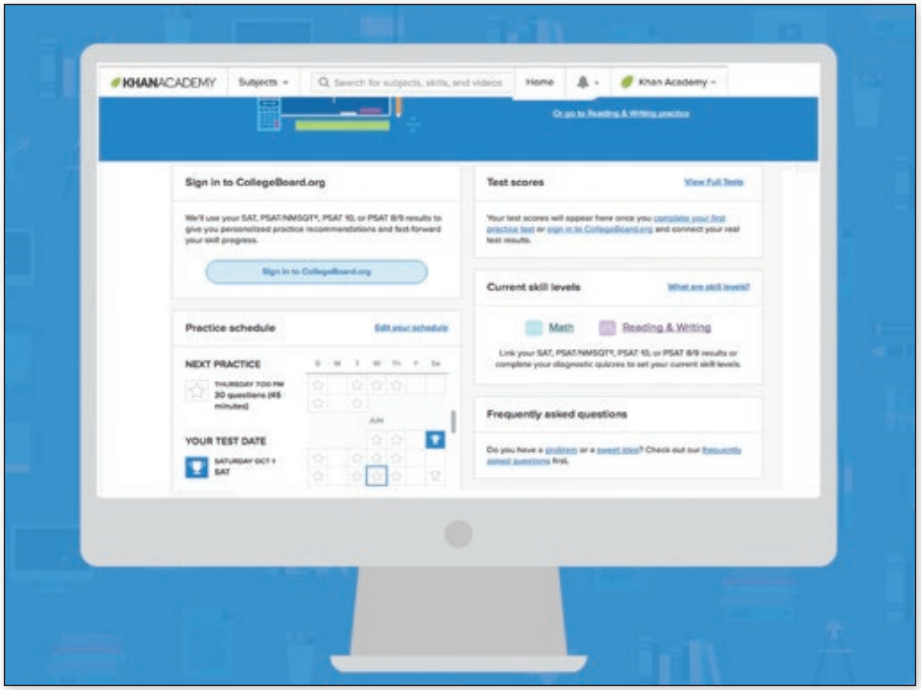


Suggested Discussion Points/Handouts/Activities

SLIDE 25	ESTIMATED TIME (IN MINUTES): 1

Here is the rest of the student dashboard with a practice schedule, test scores, current skill levels, and frequently asked questions.

This also shows the student schedule which they can set up when they log in. They can enter in days they would like to practice and schedule in practice test days leading up to their assessment date. Khan Academy will remind them and email them on their designated practice days.



Suggested Discussion Points/Handouts/Activities

SLIDE 26	ESTIMATED TIME (IN MINUTES): 2

On this screen, this student sees that the most important topic to work on in math is right triangle word problems. Because of a combination of how likely a topic is to show up on the SAT, and prior student performance, this is the skill that this student has the most potential to improve on.

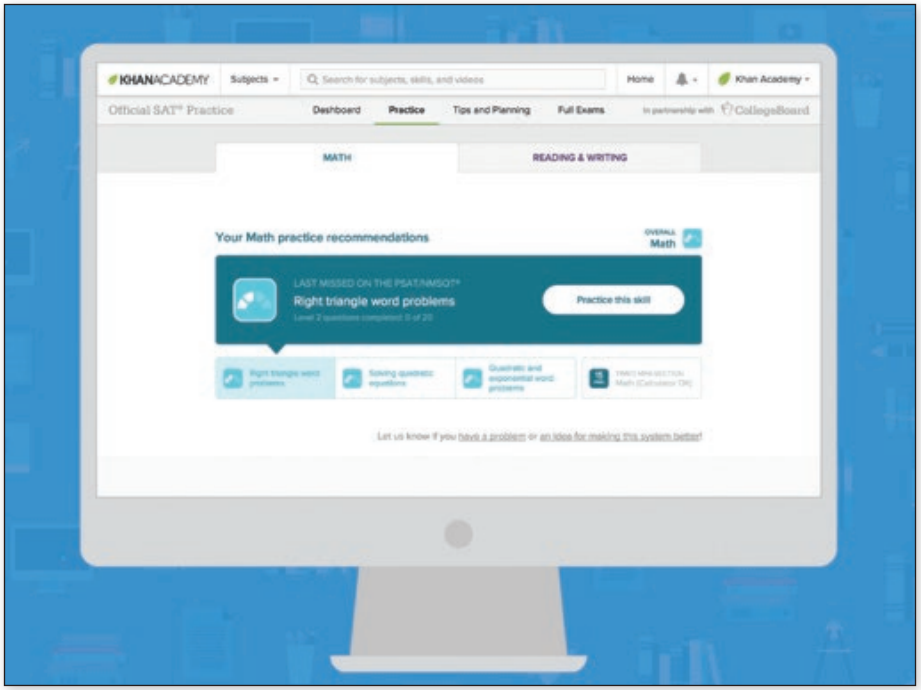
There are other potential options this student can work on, because Khan Academy has learned that if you only give the student one option there is some chance that they reject it and then quit. Instead, Khan Academy will give other skills options to practice (in this case solving quadratic equations and quadratic and exponential word problems) so that they have somewhere else to go.

Reading Test practice is organized by passage content (science, literature, history, etc.) and Writing Test practice is organized by writing type (argument, informative, narrative). There is also additional practice in Standard English Conventions and Effective Language Use. For Reading Test and Writing Test practice, students are directed to a particular content area or writing type based on its frequency on the test. A student's skill level in that content area or writing type is determined by their prior performance.

At this point, evidence indicates that it's beneficial for students to practice all of the Reading Test skills and Writing Test skills together (as they would see them on the test or, more importantly, as they would use them in an authentic reading/writing situation).

Research is being conducted to determine whether more specific areas of practice would benefit students.

Students can also access a full library of practice from this screen, for those who know exactly what they want to work on.



The plan for Essay practice is that when students take a full-length practice test on Official SAT Practice, for two of those tests they will be able to submit an Essay response and receive an automated score. We also plan to make instant feedback available, outside of a full practice test, for three additional prompts.

Suggested Discussion Points/Handouts/Activities

SLIDE 27	ESTIMATED TIME (IN MINUTES): 15

Activity: Divide participants into at least four groups and assign one of the activities to each group.

Group 1: Go to the "Dashboard" tab and create a practice schedule.

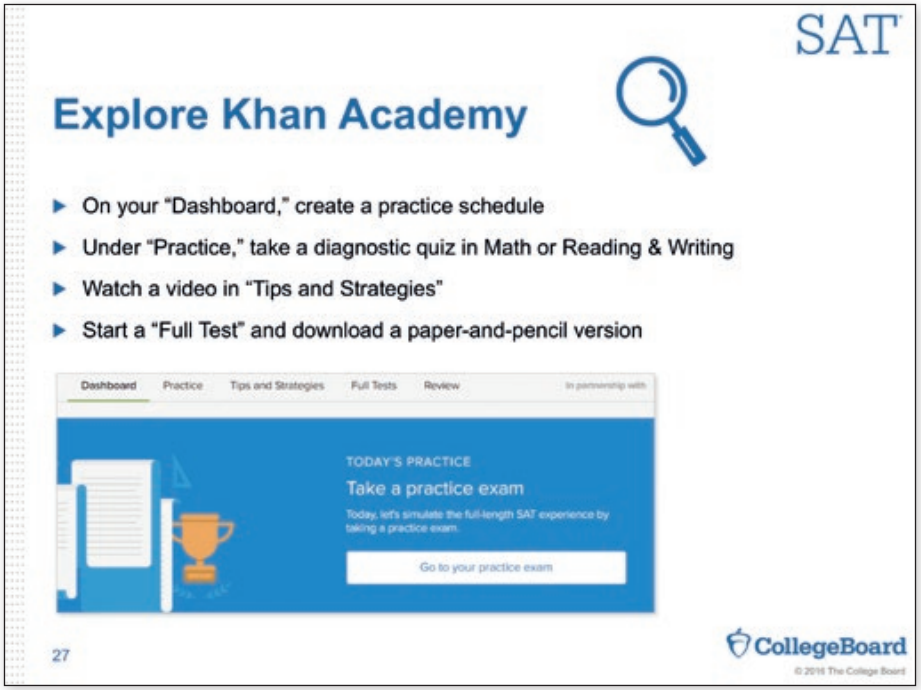
Group 2: Go to the "Tips and Strategies" tab and review the video choices. Select a video to watch.

Group 3: Go to the "Practice" tab and take a diagnostic quiz.

Group 4: Go to the "Full Tests" tab and look through the test.

Ask participants to spend time in their Khan Academy account going through the resources associated with their assigned activity. After 5–10 minutes, ask each group to report out what they found and tell what they would share with their students.

Point out under Tips and Strategies that there are walk-through videos and also a forum for educator resources, questions, and ideas called "Using Official SAT Practice in the classroom."



Suggested Discussion Points/Handouts/Activities

SLIDE 28	ESTIMATED TIME (IN MINUTES): 1

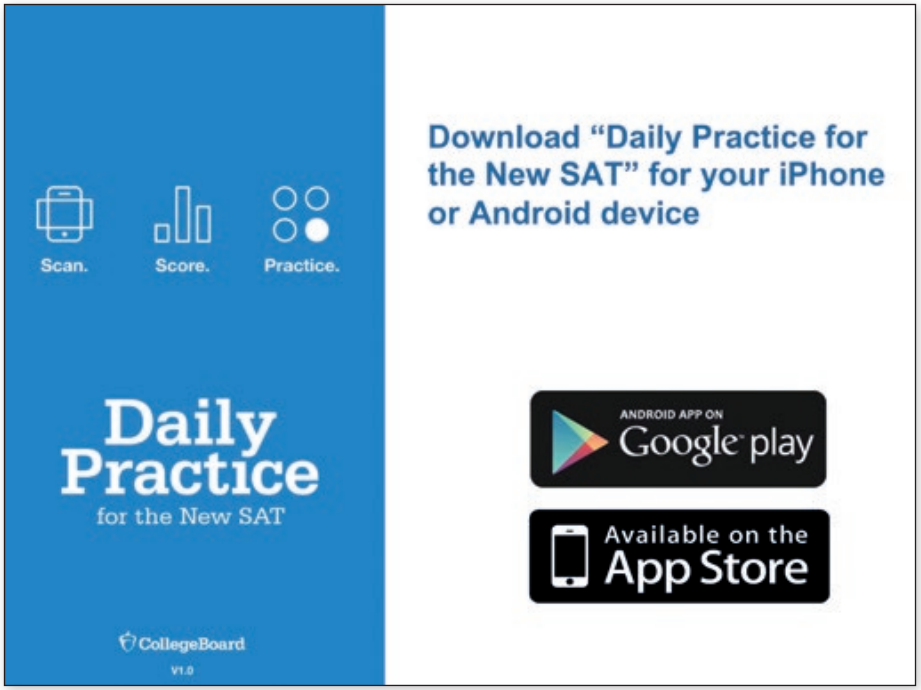
The purpose of Chapter 3 is to introduce participants to the Daily Practice App, available for download in the Apple Store or Google Play. The Daily Practice App offers an SAT Question of the Day and includes features for scoring paper/pencil practice tests.

Suggested Discussion Points/Handouts/Activities

SLIDE 29	ESTIMATED TIME (IN MINUTES): 5

The Daily Practice App is a College Board app that uses our scoring algorithm to provide instant feedback to students.

Suggest to participants that they download the Daily Practice App to try for themselves. Give participants 5 minutes to look through the features of the app.



Suggested Discussion Points/Handouts/Activities

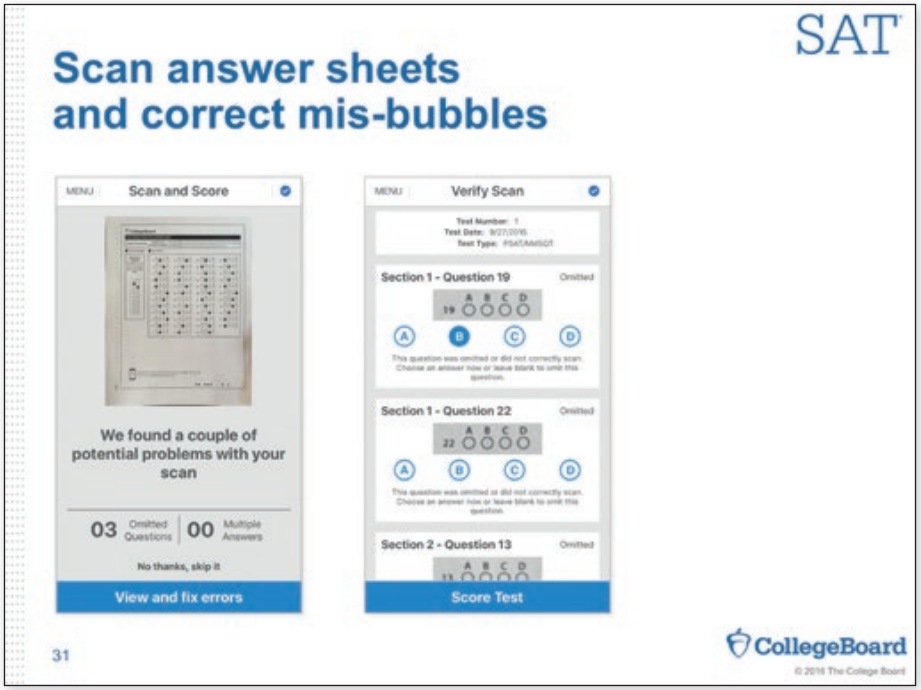
SLIDE 30	ESTIMATED TIME (IN MINUTES): 1

The app is designed so students who might not have access to the internet at home or expensive SAT prep courses and books can still practice for the SAT directly from their mobile device. The Daily Practice App offers "bite-sized" practice and is a great option when teachers and students are short on time. If anyone is familiar with the former "SAT Question of the Day," they'll find that the Daily Practice App has much more fidelity to the current assessments.

Suggested Discussion Points/Handouts/Activities

SLIDE 31	ESTIMATED TIME (IN MINUTES): 1

One great feature of the app is its ability to scan paper answer sheets and provide immediate feedback for full-length practice tests. Students can download paper practice tests and answer sheets from **sat.org/practice** or on Khan Academy, take a full-length practice test, and scan the answer sheets with the app to get a score. If there are stray marks on the paper, the app will ask students to verify the answer they selected to ensure they are getting accurate results.



Suggested Discussion Points/Handouts/Activities

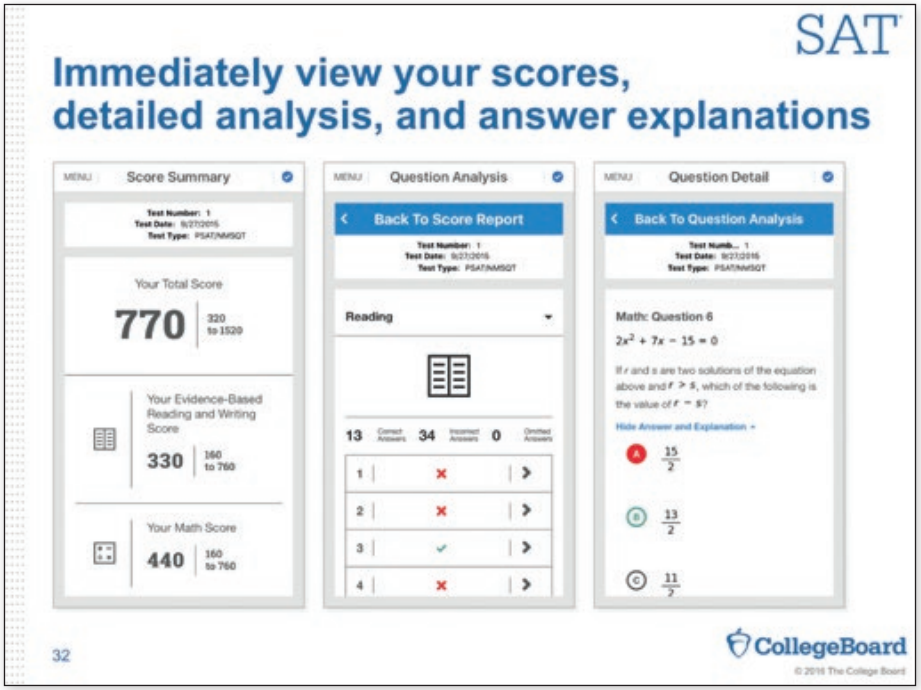
SLIDE 32	ESTIMATED TIME (IN MINUTES): 1

Within seconds, students can view their scores, and read a detailed analysis of their results, including answer explanations. All of these data are sent to linked Khan Academy accounts to personalize student practice.

- The first screen shot on the slide shows the Total score (770), Evidence-Based Reading and Writing section score (330), and Math section score (440).
- The second screen shot shows the question numbers marked with a red x when incorrect, and green check when correct. Arrows direct students to the answer explanations.
- The third screen shot shows the answer explanation, with the question, answer choices, the wrong answer selected by the student (A), and the correct answer (B).

The Daily Practice App provides a method for educators and students to quickly score full-length practice tests. It is recommended that students score their own tests using their own app so that they can send the results to their Khan Academy account for personalized practice.

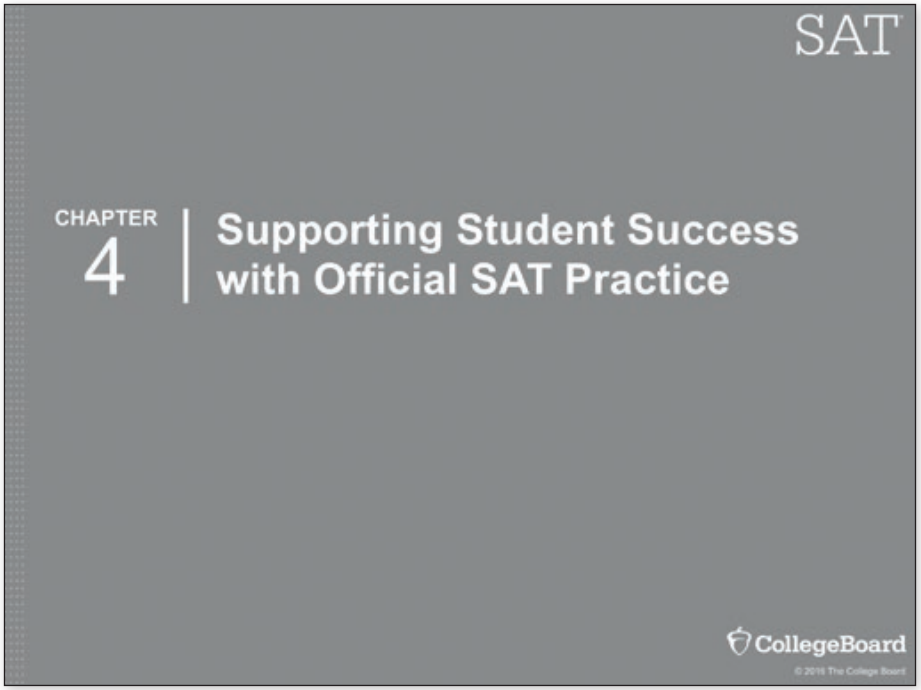
Note: If accounts are linked, results from the app will be sent to Khan Academy and used to inform their practice.



Suggested Discussion Points/Handouts/Activities

SLIDE 33	ESTIMATED TIME (IN MINUTES): 1

Chapter 4 helps educators understand how they can support student success as they practice for the SAT. There are myriad ways to engage in Official SAT Practice on Khan Academy. Many students will be motivated to practice on their own. Some will need a nudge, and others will respond best to a support plan from parents, teachers, and other interested parties.



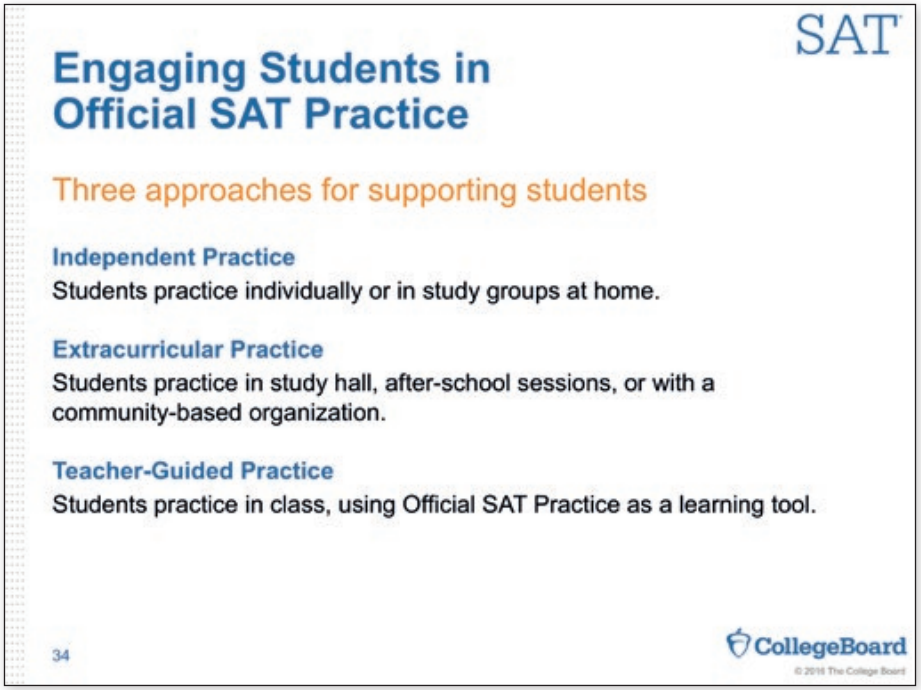
Suggested Discussion Points/Handouts/Activities

SLIDE 34	ESTIMATED TIME (IN MINUTES): 1

We are focusing on three potential ways to engage students in Official SAT Practice, and many students will benefit from all three of these suggestions:

- Independent practice – students work on their own or in small groups.
- Extracurricular practice – students engage in Official SAT Practice in schools or community-based organizations, but not led by a teacher.
- Teacher-guided practice – students practice in class using Official SAT Practice as a tool for learning.

The best possible practice to help students develop college and career readiness skills is strong classroom work and instruction. Independent and extracurricular practice can supplement classroom instruction as students prepare for the SAT.



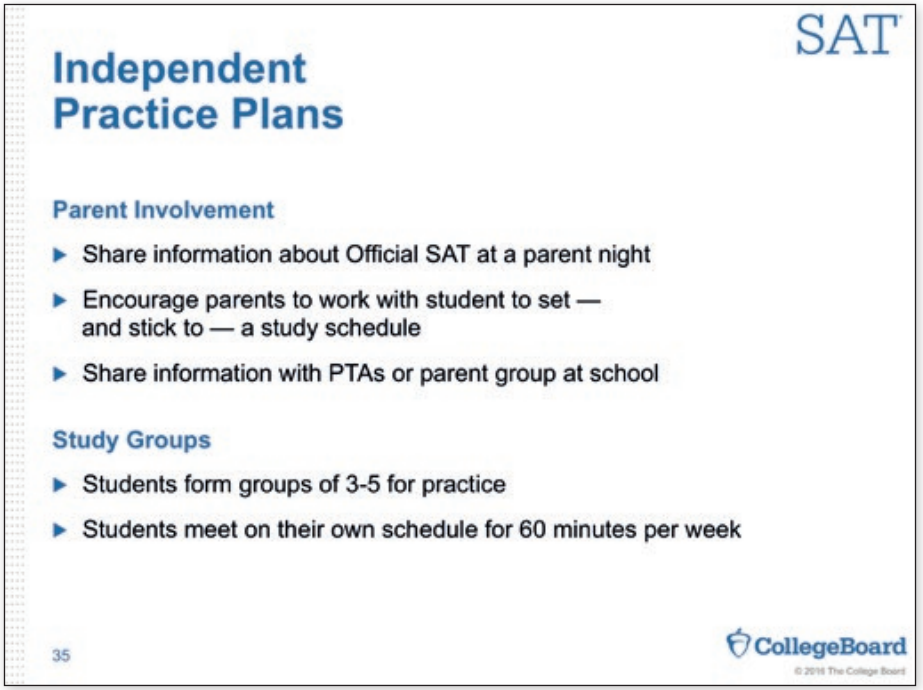
Suggested Discussion Points/Handouts/Activities

SLIDE 35	ESTIMATED TIME (IN MINUTES): 1

Parents can be great cheerleaders to help students engage in Official SAT Practice. Schools use many communications channels to inform parents about Official SAT Practice, including back-to-school nights, newsletters, emails, parent-teacher organizations, robo-calls, and homework logs.

At Polytech High School in Delaware, the school sent a call home to all parents, including information about Khan Academy and how it helps students. They also shared information about Official SAT Practice with their parent groups.

In Long Beach Unified School District, the PTA was informed about linking College Board and Khan Academy accounts. The parents led the charge to increase linking percentages among Long Beach students.



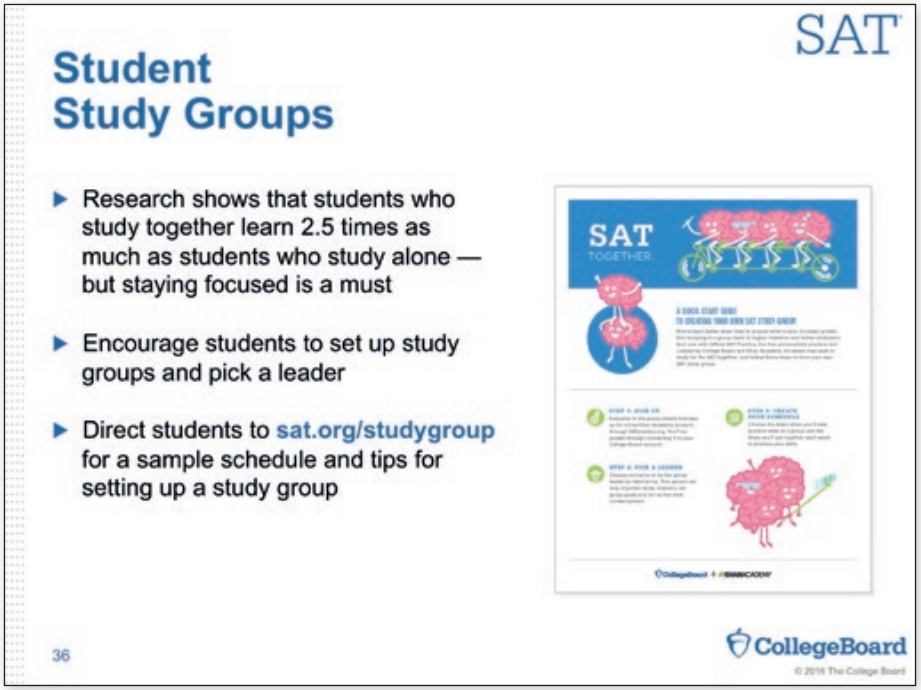
Suggested Discussion Points/Handouts/Activities

SLIDE 36	ESTIMATED TIME (IN MINUTES): 1

Many students benefit from forming a study group with their peers. Successful study groups have:

- Three-to-five dedicated students who will hold one another accountable for participation.
- A leader who will arrange the schedule and meeting places.
- A regularly scheduled time that works for all participants.

Parents can also support students by helping to arrange student study groups. When students agree to meet and study with their peers on a regular basis, parents can support the effort with carpooling and snacks.



Suggested Discussion Points/Handouts/Activities

SLIDE 37	ESTIMATED TIME (IN MINUTES): 3

Not all students have access to a computer with a reliable internet connection outside of school. Find time during or outside school hours and a dedicated space where students can access Official SAT Practice on Khan Academy, with teachers to facilitate and support their practice. Ensure that all students get to spend time using Official SAT Practice through media labs, extended library hours, or by partnering with community organizations that can provide facilities and adults that can help support student practice. This can help you carve out time for students to work on their skills without disrupting regular classroom instruction.

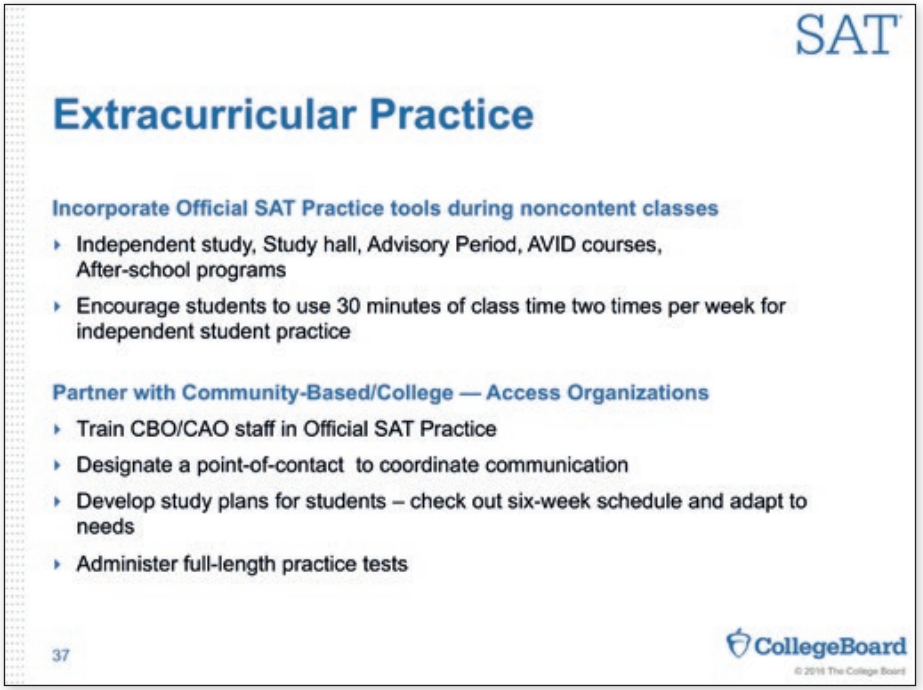
Go to **satpractice.org/k12** for a link to a 6-week lesson plan using Official SAT Practice on Khan Academy.

It is also helpful to partner with community organizations to arrange full-length practice tests. When students simulate the test day environment with timed tests, they learn about their strengths and weaknesses, and develop stamina and strategies for success on the SAT on official test day.

A Rhode Island GearUp program facilitated two practice tests for students in their spring program. The practice tests were used at the start and end of their program to track student progress. Fifty students participated in a 12-week Saturday SAT program, hosted in the computer lab of one of their partner schools.

At Cypress Creek High School in Orange County, Fla., after-school SAT practice sessions were held in the school's College and Career Resource Center. While any student could drop in to a session, teachers and counselors also used multiple data points such as course grades and teacher recommendations to identify the students that would most benefit from more practice time and encouraged these students to attend. Teachers that led the after-school tutoring sessions also called the homes of the identified students to encourage them to attend sessions. They were successful in this approach because the teachers contacted the students they were already familiar with. An educator brief sharing more tips and strategies from Orange County is available at www.satpractice.org/k12.

Students at John Stark Regional High School in New Hampshire were given the opportunity to use their 45-minute flex block to go to the computer lab and work on Official SAT Practice on Khan Academy.



Teachers worked in the lab to support students who needed additional help. They watched students work, answered questions, and incorporated areas of need into their lesson plans. Students earned Wi-Fi access by self-selecting to use Official SAT Practice on Khan Academy during their flex block.

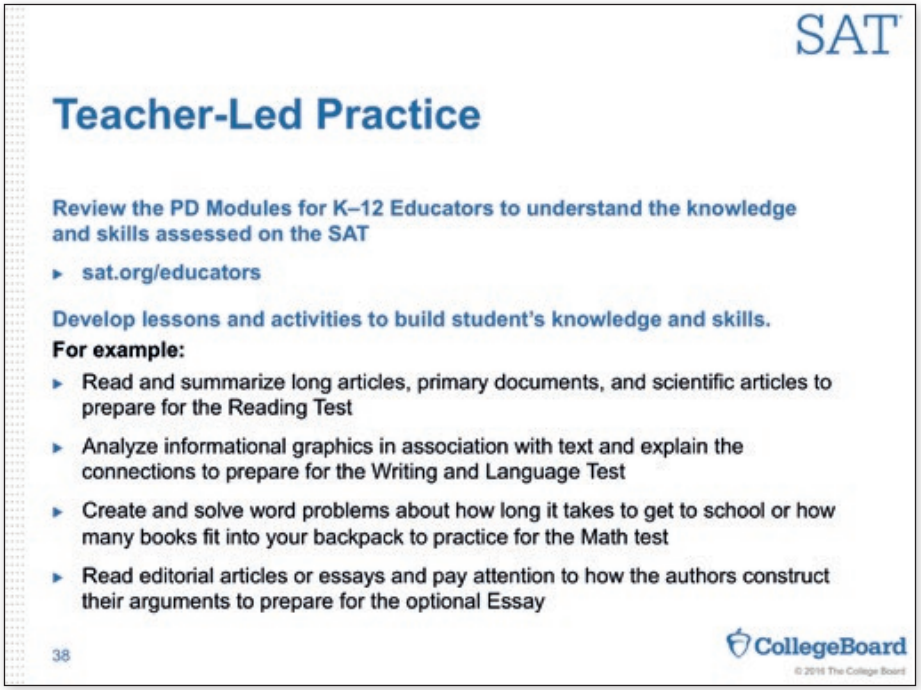
Consider working with community organizations aligned with your school's needs. Community organizations can provide resources, such as volunteers, facilities, or even prizes to award students. Appoint a point person or program coordinator to work with the community organization and discuss ways the community organization can support practice. Organizations such as the Boys & Girls Clubs and local YMCAs or libraries can provide access and resources to support practice.

At Boone High School in Orange County, Fla., educators worked with AmeriCorps volunteers to maximize College Board and Khan Academy account linking. By charging the volunteers with getting students' accounts linked, classroom teachers were able to focus on the instructional aspect of Official SAT Practice with their students. The district also established a partnership with the YMCA to start "Y Wednesdays," where students could go to their local YMCA after school on Wednesdays to continue their practice.

Suggested Discussion Points/Handouts/Activities

SLIDE 38	ESTIMATED TIME (IN MINUTES): 1

The skills students learn and develop in class related to algebra, using and analyzing data, close reading, citing evidence, and revising and editing text will provide the best foundation for success on the SAT. The College Board has developed resources such as the Professional Development Modules for Educators to help teachers understand the knowledge and skills assessed on the SAT. From these modules, teachers can get ideas, develop instructional strategies, and create lessons that help students develop the understandings assessed on the SAT and needed for college and career success.

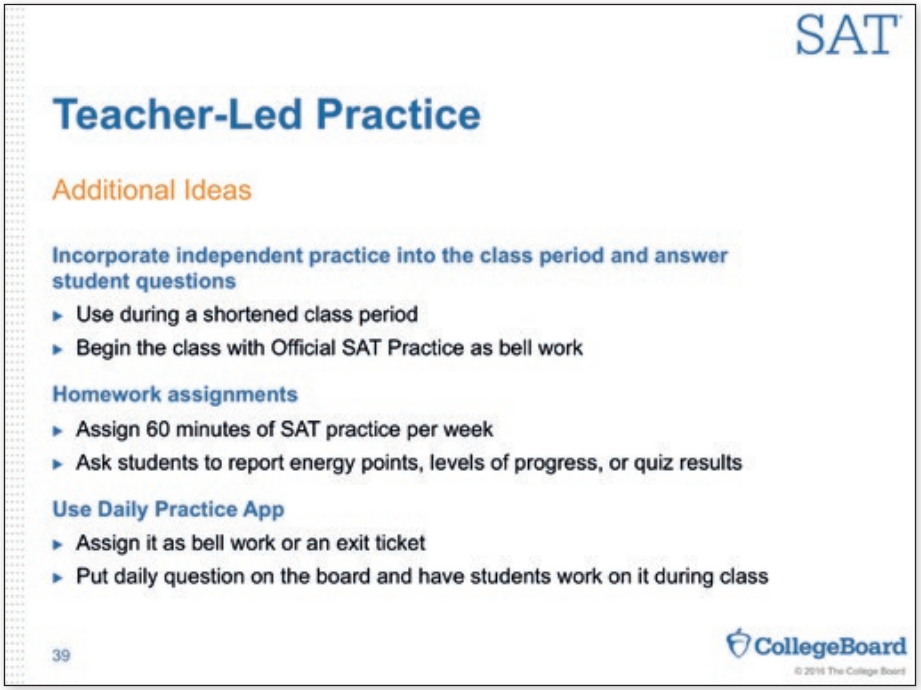


Suggested Discussion Points/Handouts/Activities

SLIDE 39	ESTIMATED TIME (IN MINUTES): 1

In addition to well-crafted lessons, teachers can use Official SAT Practice on Khan Academy as a tool to help students strengthen their college and career-readiness knowledge and skills. Some suggestions for using Official SAT Practice in class include:

- Incorporate practice into the class period and answer student questions
- Assign Official SAT Practice as homework
- Use the Daily Practice app for bell work or as an exit ticket



Suggested Discussion Points/Handouts/Activities

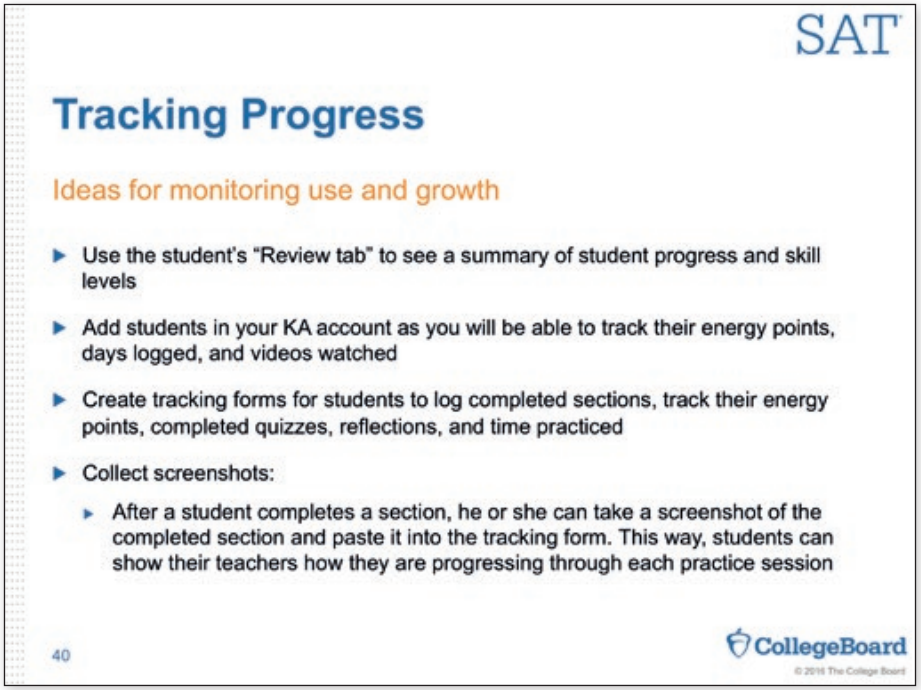
SLIDE 40	ESTIMATED TIME (IN MINUTES): 5

Handout: Tracking Student Progress

There are several ways to track student progress as they practice on Khan Academy:

- Use the student's "Review" tab to see a summary of student progress and skill levels.
- Add students to your Khan Academy account by going to your name on the top right of the screen and clicking "add students." From here you can add your students into a class or individually. You will be able to track their energy points, days logged, and videos watched, but please note this is for all of Khan Academy and provides limited information specific to Official SAT Practice. The College Board and Khan Academy are developing additional tools for teachers.
- Create tracking forms for students to log completed sections, track their energy points, completed quizzes, reflections, and time practiced.
- Collect screenshots:
  - After a student completes a section, he or she can take a screenshot of the completed section and paste it into a tracking form. This way, students can show their teachers how they are progressing through each practice session.

The College Board and Khan Academy are continuing to develop additional tools for teachers to track student progress on Official SAT Practice on Khan Academy. Share your feedback and suggestions on **satpractice.org**. Click on "Tips and Strategies" and "Using Official SAT Practice in the classroom" to post your questions and suggestions.

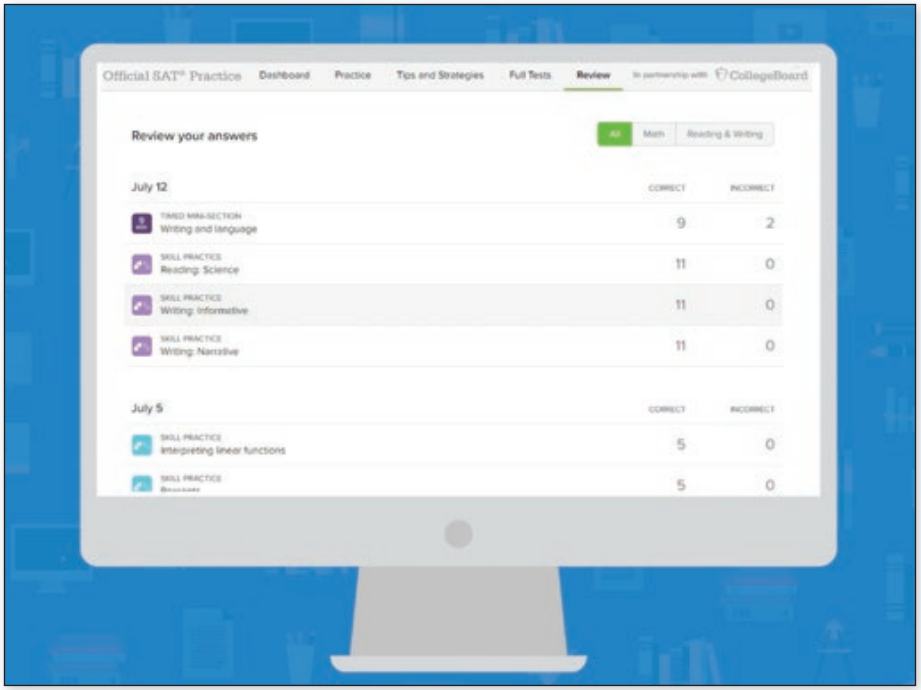


Teachers at Dr. Phillips High School in Orange County, Fla., monitored their students' progress on the platform by having students take screenshots of complete sections and tracking energy points. Teachers included these data in weekly reports on student progress to the Administrative Dean, who oversaw implementation of Official SAT Practice on Khan Academy at Dr. Phillips. Teachers also acted as facilitators during SAT practice time with students. Teachers circulated to monitor students' progress, provided immediate feedback, and had discussions with their students on their strengths and weaknesses.

Suggested Discussion Points/Handouts/Activities

SLIDE 41	ESTIMATED TIME (IN MINUTES): 1

The Review tab will show you the student's progress in all the skills they practiced, including the number correct and incorrect in their practice sets.



Suggested Discussion Points/Handouts/Activities

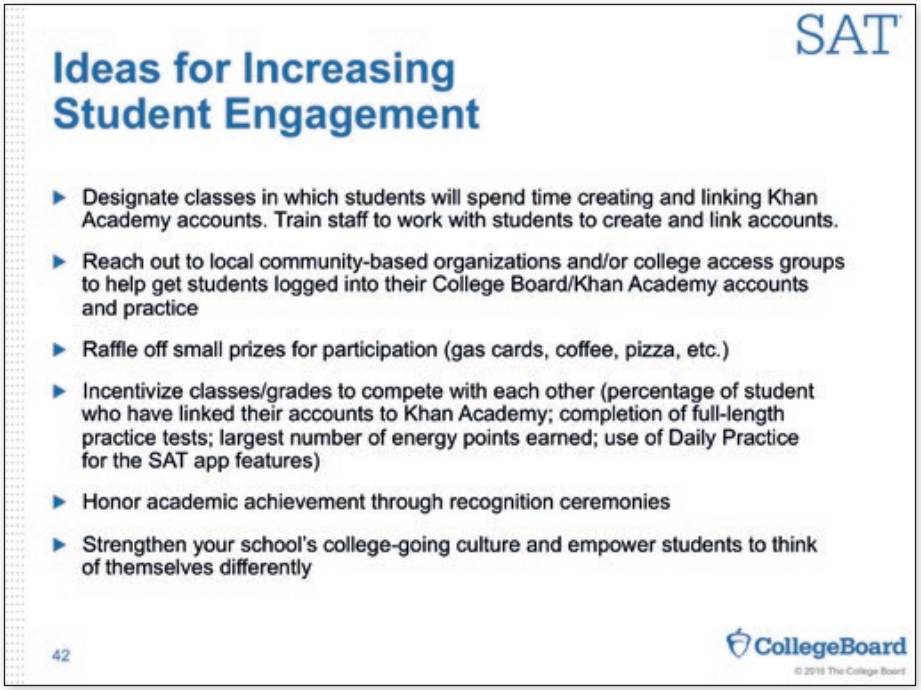
SLIDE 42	ESTIMATED TIME (IN MINUTES): 1

Engagement campaigns act as reminders and incentives to get students to practice and develop college and career readiness skills as they prepare to take the SAT. Engagement ideas include:

- Designate classes in which students will spend time creating and linking Khan Academy accounts. Train staff to work with students to create and link accounts.
- Reach out to local community-based organizations and/or college access groups to help get students logged into their College Board/Khan Academy accounts and practice.
- Raffle off small prizes for participation (gas cards, coffee, pizza, etc.). Incentivize classes/grade-levels to compete with each other (percentage of students who have linked their accounts to Khan Academy; completion of full-length practice tests; largest number of energy points earned; use of Daily Practice for the SAT app features).
- Honor academic achievement through recognition ceremonies.
- Strengthen your school's college-going culture and empower students to think of themselves differently.

Ask participants what other ideas or suggestions they have for incentivizing students to engage in Official SAT Practice.

The GearUp group at Beecher High School in Flint, Mich., gave sweatshirts and excursions to Dave & Buster's for participation in all aspects of their SAT Prep Boot Camp, which was offered during school breaks.



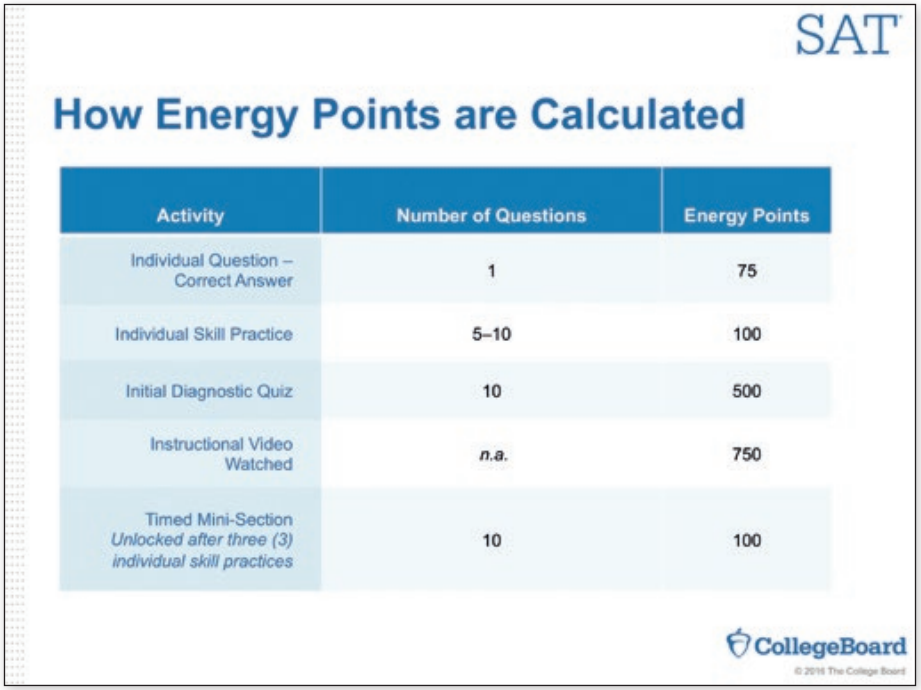
Suggested Discussion Points/Handouts/Activities

SLIDE 43	ESTIMATED TIME (IN MINUTES): 1

Students earn energy points when they complete tasks, and for correct answers and effort in their practice. It is possible to track energy points to monitor student progress.

If participants plan to use energy points for their campaign, this table can help them understand how students earn energy points.

When students answer an individual question correctly, they earn 75 energy points. When they complete a 5–10 question skill practice, they earn 100 points. Completion of an initial 10-question diagnostic quiz earns 500 points. If they watch an embedded instructional video, they earn 750 points (shorter videos may be less). And once they complete a timed mini-section, they can earn 100 points. Khan Academy tracks these points and students can submit screen shots to show how many points they have earned.



Suggested Discussion Points/Handouts/Activities

SLIDE 44	ESTIMATED TIME (IN MINUTES): 2

This slide provides some concrete examples of implementation campaigns. The first is from Houston ISD, which developed a school-wide initiative with a two-pronged approach:

1. Juniors earned money for college by using Official SAT Practice on Khan Academy tracked by energy points (50,000 energy points). $500 Scholarships were up for grabs for using Official SAT Practice and then three winners were picked randomly.
2. For the class of 2017 they held a contest – which school could create the Best HISD School Day SAT Promotional Campaign? The winning school earned money for their junior class for college-bound materials, excursions, opportunities, etc. ($1,000– 1st place, $500– 2nd place, $250– 3rd place).

Garland ISD (Texas) created physical Media Displays to raise awareness and remind students and families about Official SAT Practice on Khan Academy.

At Oak Ridge High School in Orange County, Fla., curriculum leaders held a monthlong campaign, "You Khan Do It!" This campaign engaged teachers across grade levels and content areas to use the SAT practice tools, as well as act as a graduation and college and career ready intervention. Teachers encouraged students to use Khan Academy as bell work, during shortened class periods, and for extra credit opportunities. Classes competed with each other to obtain the most energy points and win weekly prizes, including school incentives, such as front-of-the-line lunch passes and breakfast celebrations, or prizes that were donated by local businesses.

Visit **satpractice.org/k12** to see sample flyers and contact your local College Board director for more examples.

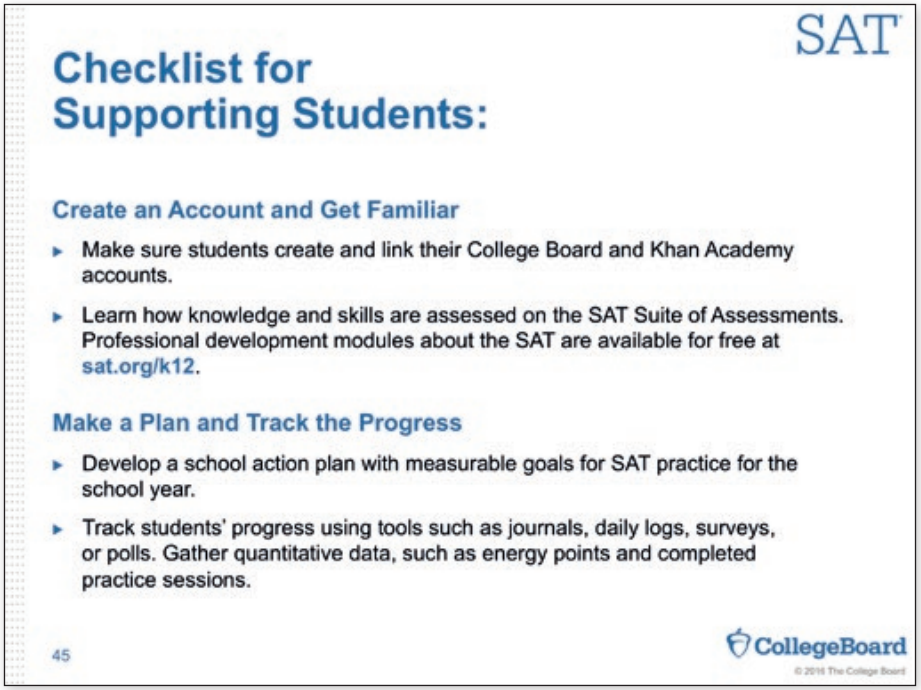
Suggested Discussion Points/Handouts/Activities

SLIDE 45	ESTIMATED TIME (IN MINUTES): 10

Handout: Checklist for Supporting Students Using Official SAT Practice on Khan Academy

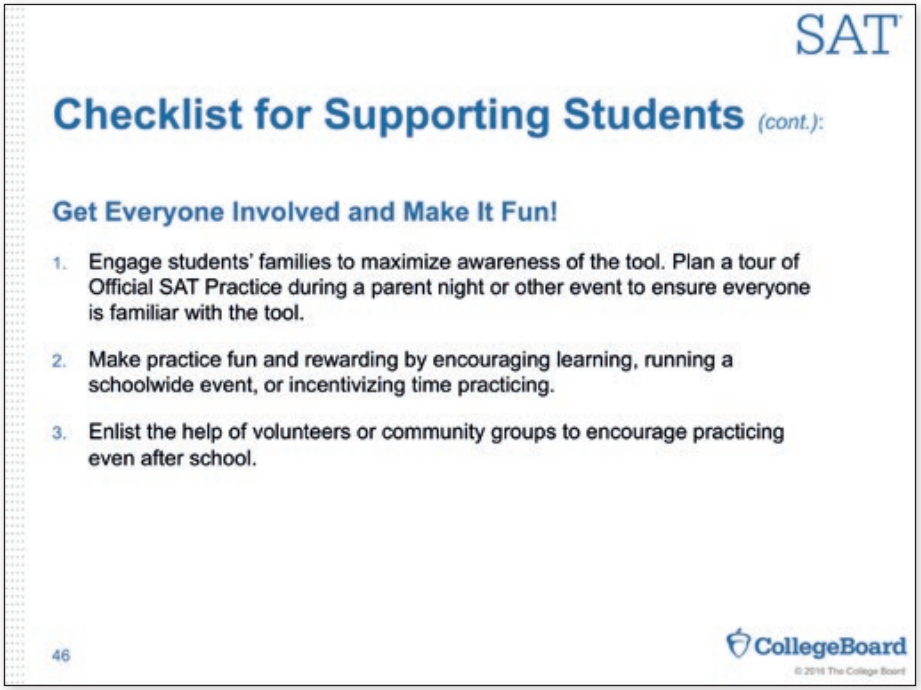
This slide and the next include suggestions for using Official SAT Practice on Khan Academy in schools. Use this checklist to initiate a discussion about how you'll support students with Official SAT Practice.

Activity: After reviewing this checklist, ask teachers to talk in their working groups and rank the ideas from easiest and most likely to implement to most difficult to implement. Ask groups to share which of these activities they think they can initiate immediately.



Suggested Discussion Points/Handouts/Activities

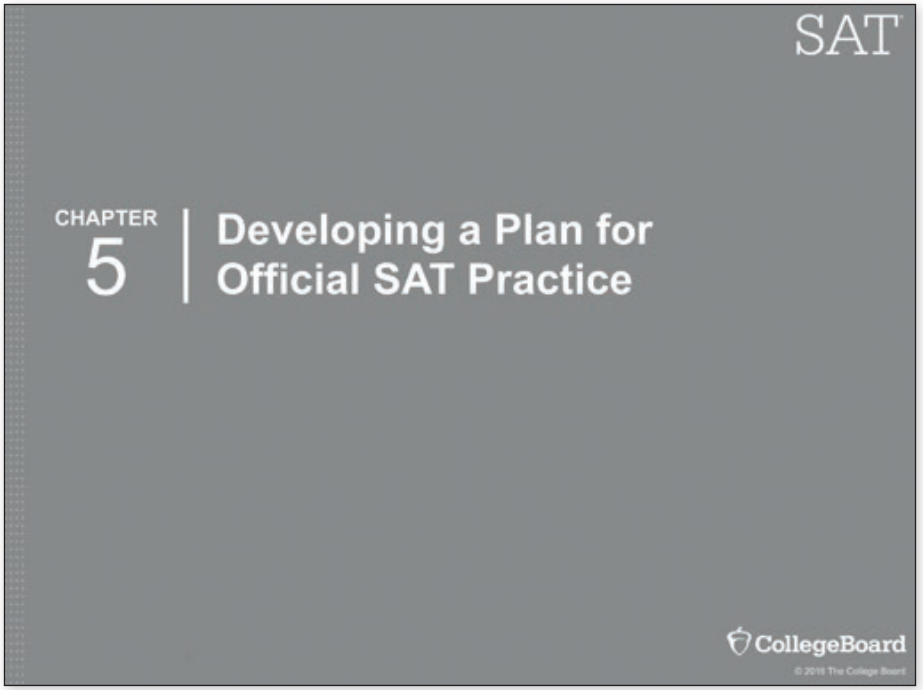
SLIDE 46	ESTIMATED TIME (IN MINUTES):



Suggested Discussion Points/Handouts/Activities

SLIDE 47	ESTIMATED TIME (IN MINUTES): 1

Chapter 5 will provide participants with a protocol for creating an implementation plan for their department or schools. Teachers can work in school-based teams to develop and implement a plan for using Official SAT Practice on Khan Academy.

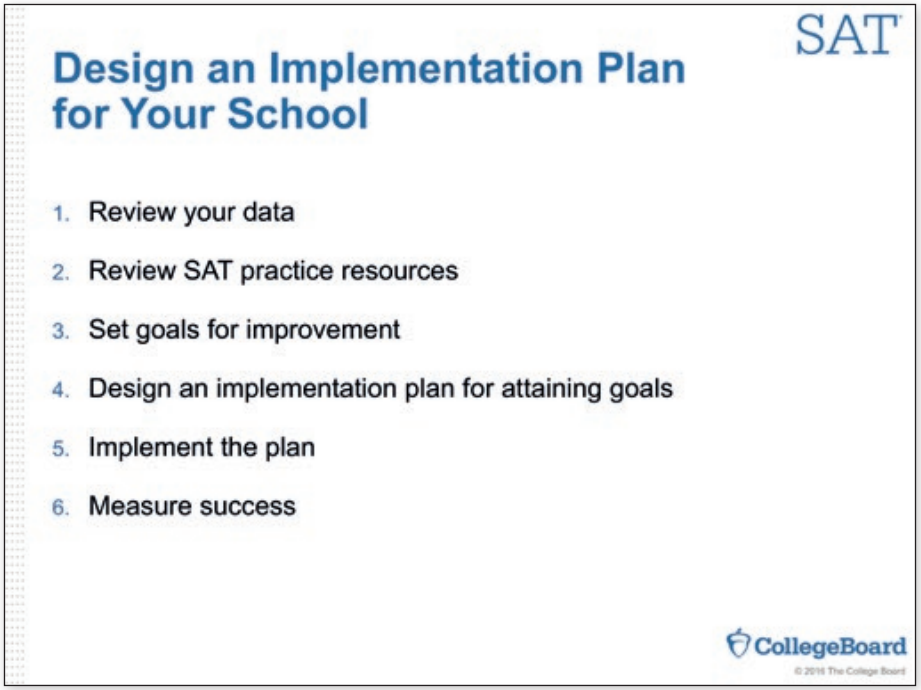


Suggested Discussion Points/Handouts/Activities

SLIDE 48	ESTIMATED TIME (IN MINUTES): 1

Handout: Designing an Official SAT Practice Implementation Plan

These are the overall steps for developing the implementation plan.



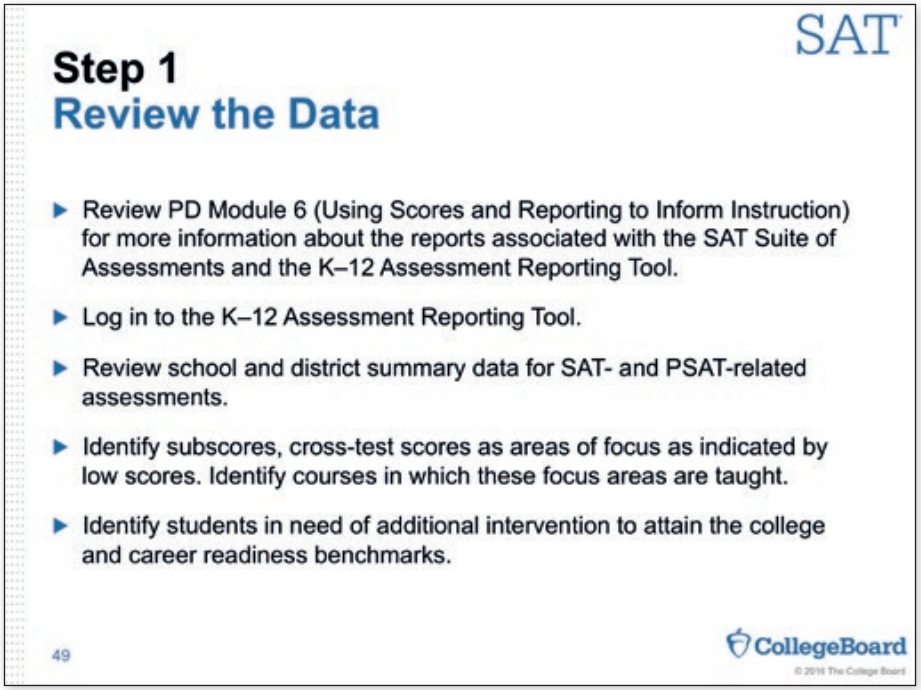
Suggested Discussion Points/Handouts/Activities

SLIDE 49	ESTIMATED TIME (IN MINUTES): 20

Step 1 – Review the Data

Teachers can access College Board assessment data in the K–12 Score Reporting Portal. Each school has an Access Manager who can grant teachers access to the Reporting Tool. (More information about the K–12 Score Reporting Portal is available at **https://collegereadiness.collegeboard.org/educators/k-12/accessing-scores**.) As teachers review the K–12 Score Reporting Portal, they can determine where students are most successful and where they are struggling on the road to college and career readiness. Have participants look for scores that are below state and national averages, identifying areas for improvement.

Teachers may also want to review College Board/Khan Academy linking reports. They can obtain these reports by contacting the K–12 Director at the College Board Regional Offices. Go to **https://www.collegeboard.org/about/region-offices** to get locations and contact information.

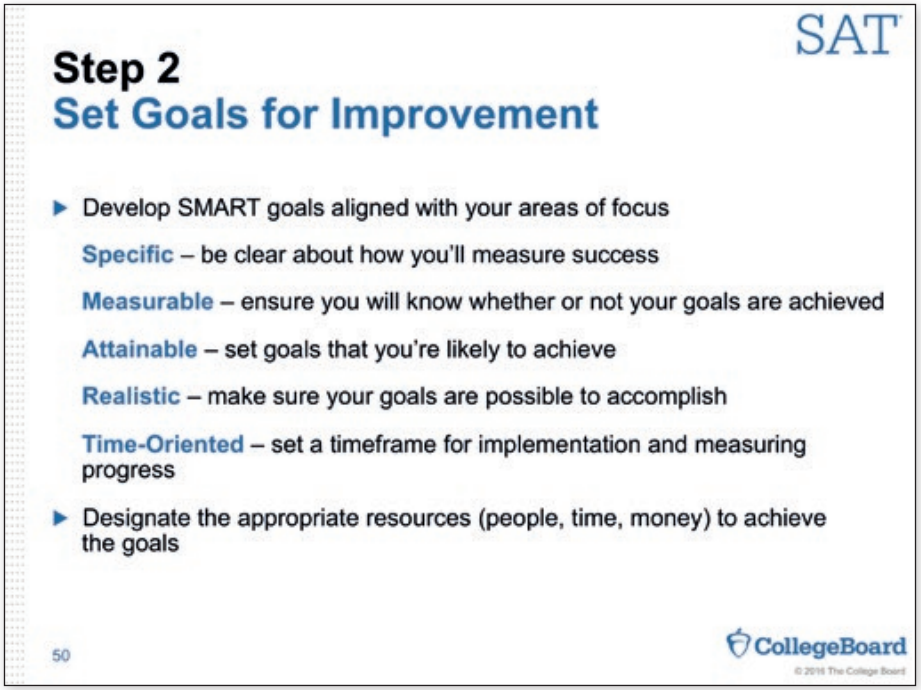


Suggested Discussion Points/Handouts/Activities

SLIDE 50	ESTIMATED TIME (IN MINUTES): 15

Step 2 – Set Goals for Improvement

Based on the data, set goals to improve scores. With goals, it is easier to focus the implementation plan on areas of focus. Write SMART goals, and be sure to consider the resources available to achieve the goals. The goals also help measure success.



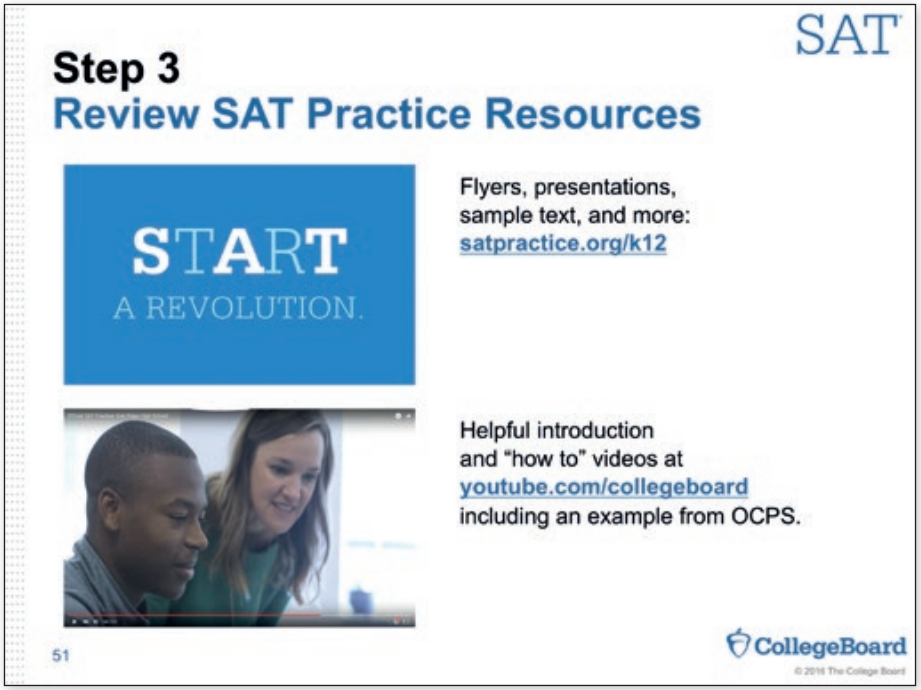
Suggested Discussion Points/Handouts/Activities

SLIDE 51	ESTIMATED TIME (IN MINUTES): 15

Step 3 – Review SAT Practice Resources

Teachers don't have to start from scratch as they develop their implementation plans. There are many SAT Practice Resources available at **satpractice.org/k12** and from Khan Academy's **Using Official SAT Practice in the Classroom**. There are also useful videos available on **youtube.com/collegeboard** and in "Tips and Strategies" directly on Official SAT Practice.

Activity: Have groups go to the sites and share which resources they are likely to use.



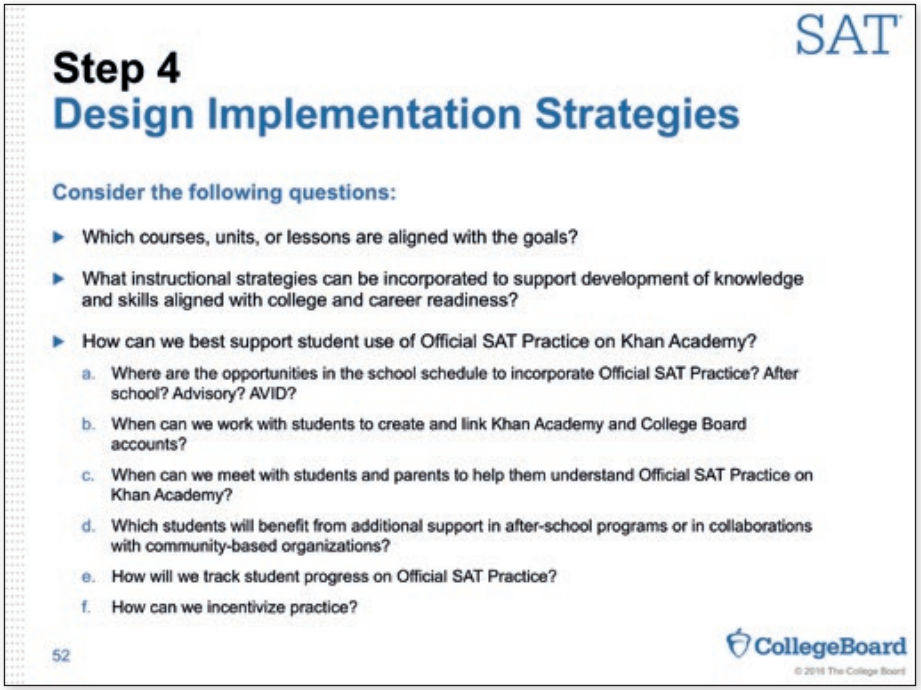
Suggested Discussion Points/Handouts/Activities

SLIDE 52	ESTIMATED TIME (IN MINUTES): 20

Step 4 – Design Implementation Strategies

Read the questions on the slide to help participants generate ideas for their implementation strategies.

Ask participants to identify how and when they will monitor progress as part of their implementation plan.

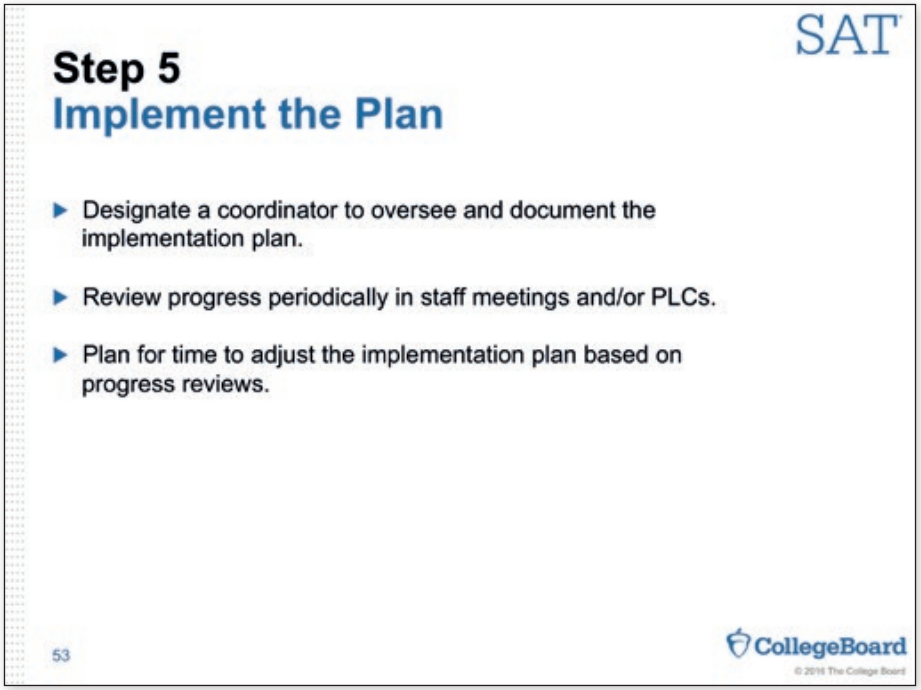


Suggested Discussion Points/Handouts/Activities

SLIDE 53	ESTIMATED TIME (IN MINUTES): 20

Step 5 – Implement the Plan

Ask participants to share their plans with the larger group. Participants can take their implementation plans with them and begin implementation immediately.

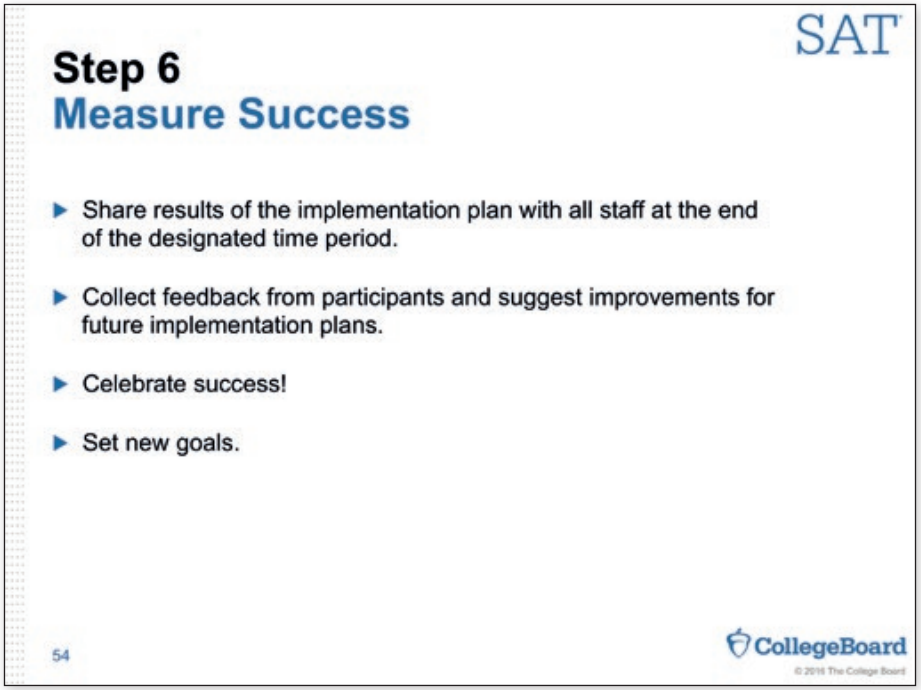


Suggested Discussion Points/Handouts/Activities

SLIDE 54	ESTIMATED TIME (IN MINUTES): 5

Step 6 – Measure Success

Discuss how and when your group will report out the results of their implementation plans. Mark your calendars to follow up on the implementation plans.



Suggested Discussion Points/Handouts/Activities

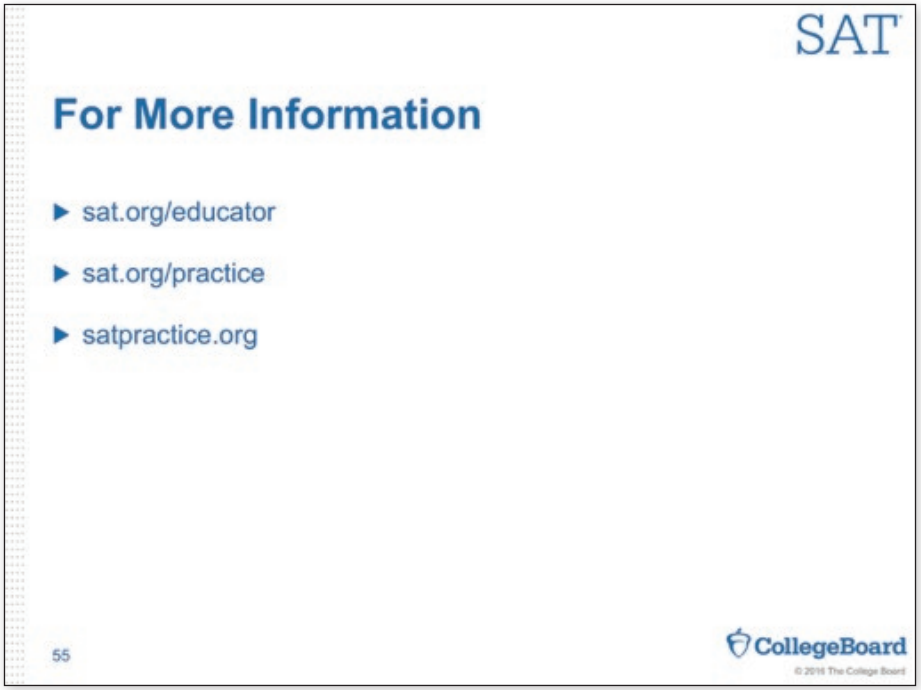
SLIDE 55	ESTIMATED TIME (IN MINUTES): 1

For more information about the SAT Suite of Assessments, Official SAT Practice on Khan Academy, and other SAT practice resources, please visit the following websites:

sat.org/educator

sat.org/practice

satpractice.org



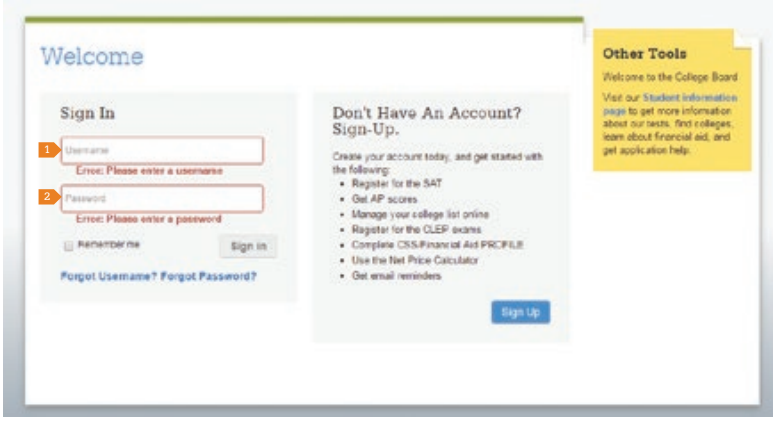
Suggested Discussion Points/Handouts/Activities

SLIDE 56	ESTIMATED TIME (IN MINUTES): 5

Ask participants to provide feedback on Module 10 to the College Board by completing the survey at **https://surveymonkey.com/s/officialsatpractice**.

College Board Account First:

1. Students can sign in to their existing College Board account or create one here:

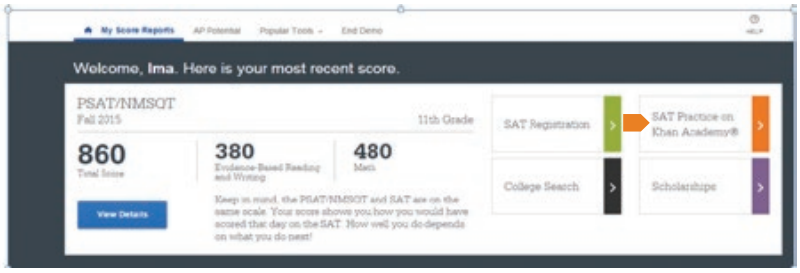


Alternative: If the student has not taken an assessment, have that student go directly to: satpractice.org. See instructions on page 63.

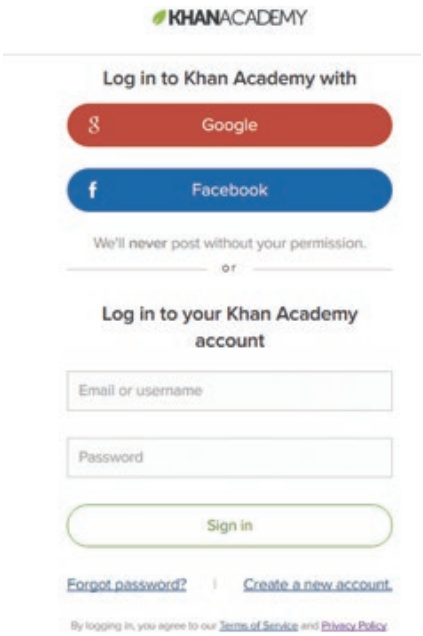
Once logged in students will see their College Board Dashboard

(**Student dashboards may vary based on PSAT 8/9, PSAT 10, PSAT/NMSQT, SAT)

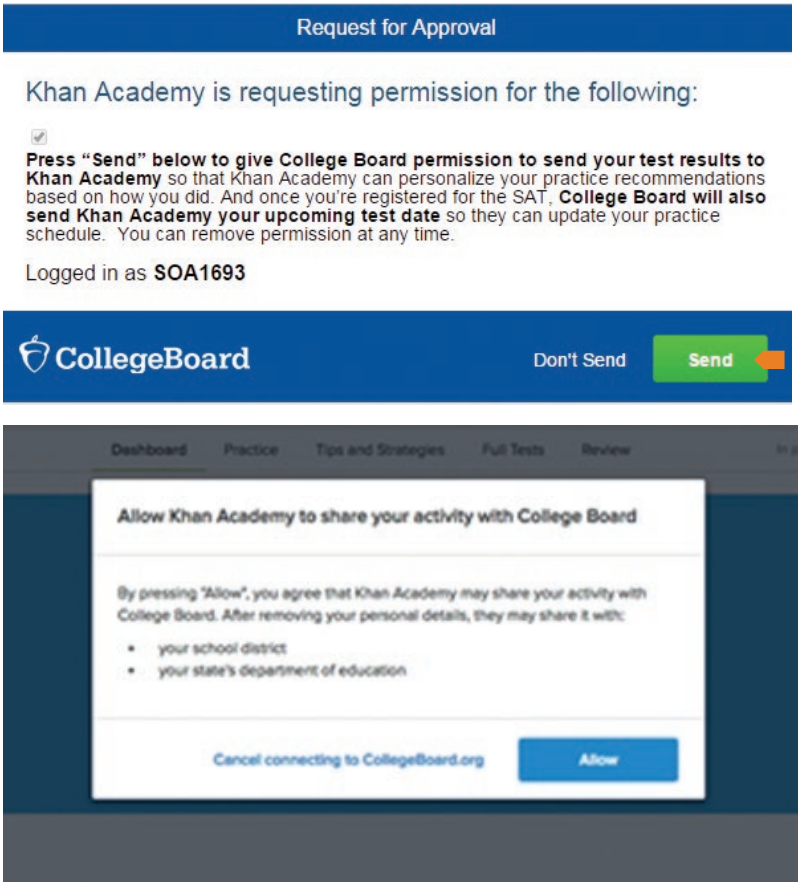
2. Once logged in to College Board, the students will be able to link to Khan Academy by clicking on the SAT Practice on Khan Academy Icon.



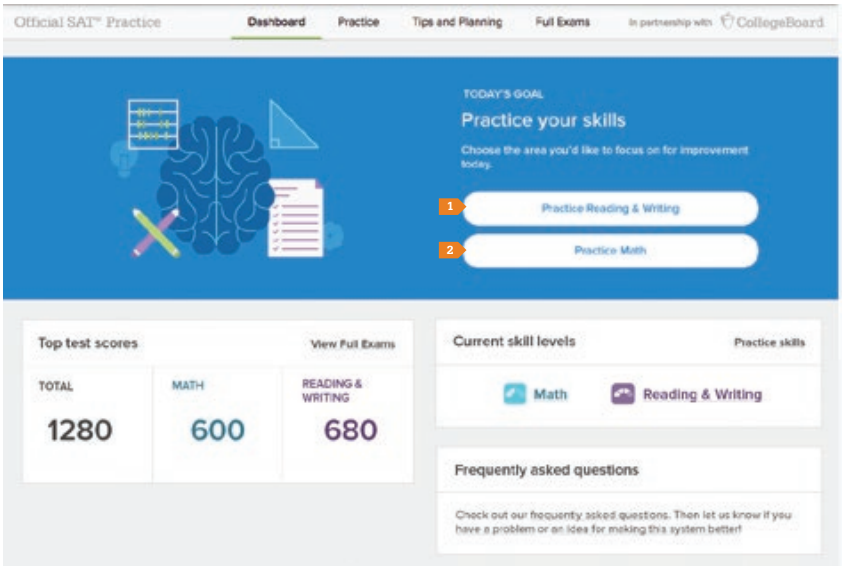
3. Students will either create a Khan Academy account or log in to their existing account.



4. When prompted, the students will be able to link their accounts by clicking Send. Students will also be prompted to share their activity with College Board.

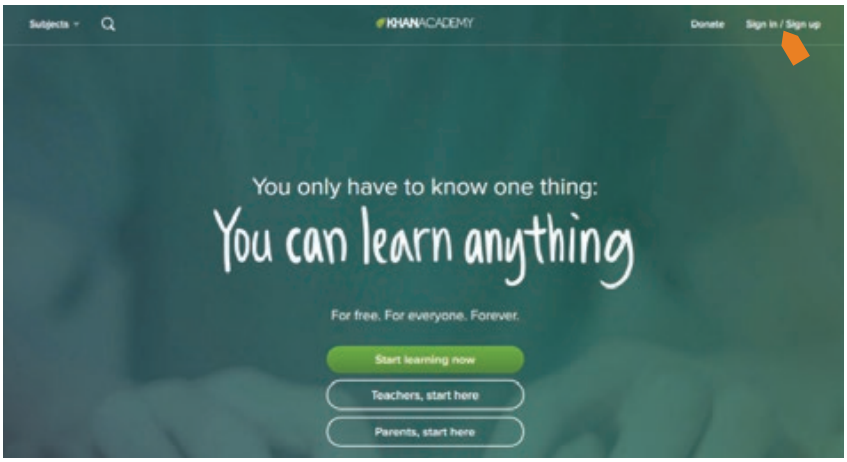


5. Once the scores are linked, students can begin to practice their skills immediately using their personalized learning road map.

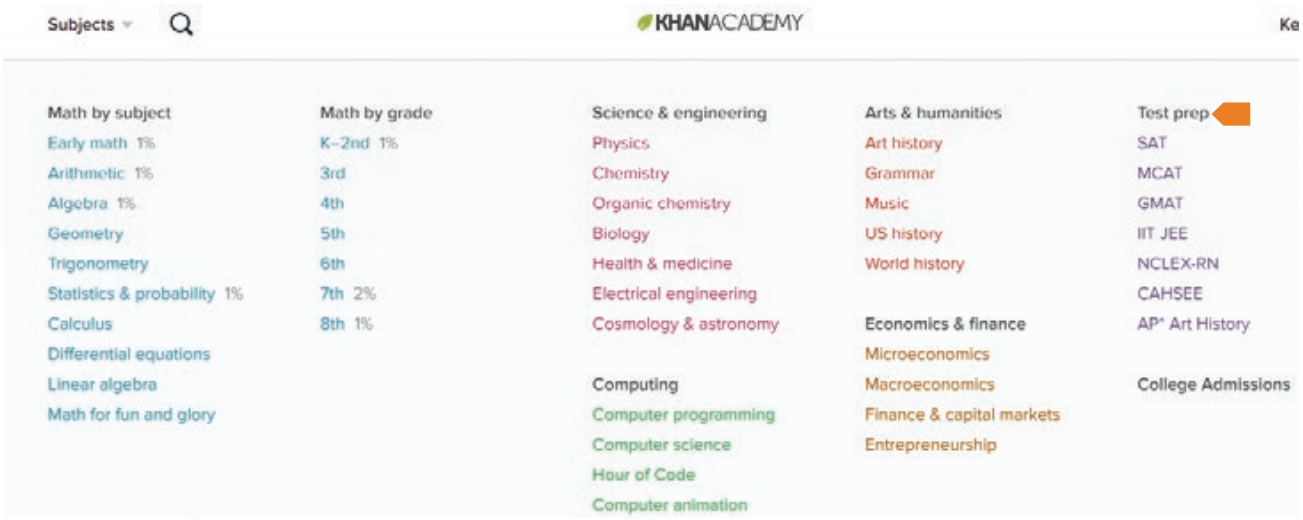


Khan Academy Account First:

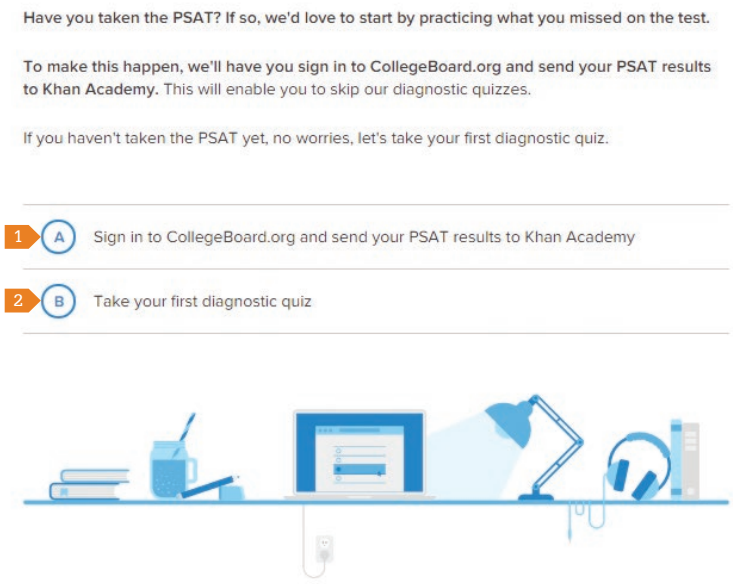
1. Students can log in at **khanacademy.org** or go directly to SAT by going to **satpractice.org**. The following steps illustrate the experience of visiting Khan Academy first.



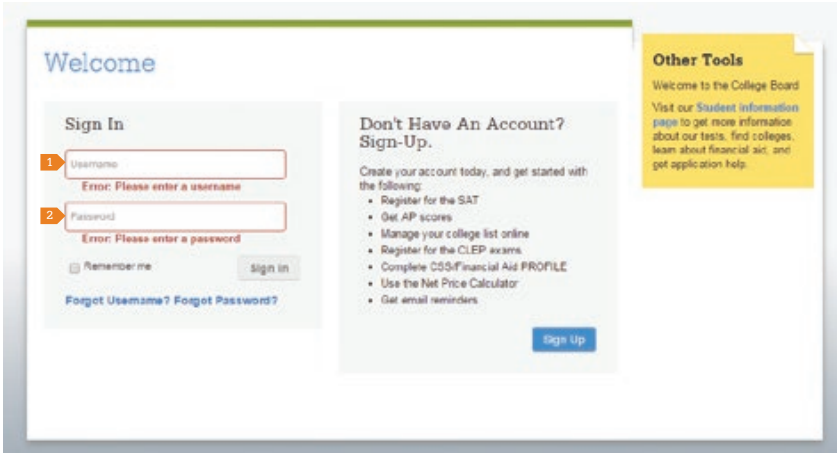
2. Once logged in students navigate to the subjects tab on the top left. Then, students should click on SAT under the Test Prep links.



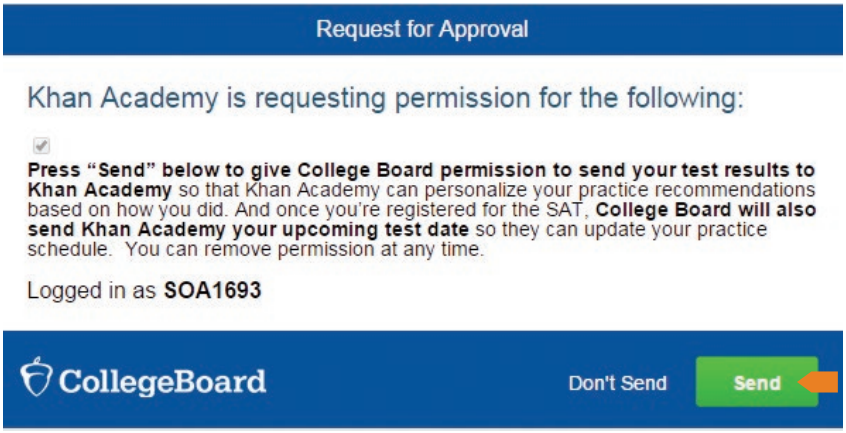
3. Students will also be asked whether they've taken the PSAT. Students who have taken the PSAT should choose "A" to link accounts from PSAT. Students who have not taken the PSAT should choose "B" for diagnostic quizzes (no PSAT).

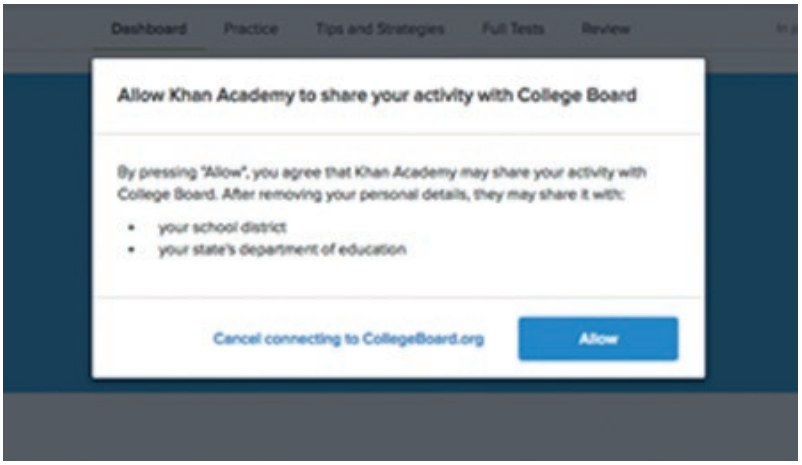


4. Students will sign in to their College Board accounts.

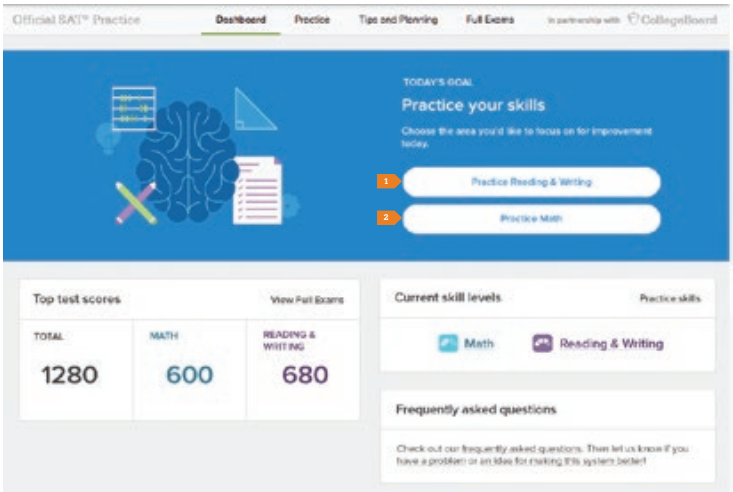


5. Students will be prompted to grant College Board permission to send their test results to Khan Academy. Students will also be prompted to share their activity with College Board.





6. Once the scores are linked, students can begin to practice their skills immediately using their personalized learning road map.



Official SAT Practice on Khan Academy

Week	Objectives	Videos	Testing	Scores	Homework
1	» College Board and Khan Academy Registration » Pre-assessment	» Overview of the NEW SAT (10 minutes) » Format changes » Content changes	Full Exam 1 Reading and Writing	Reading: _____ /52 Writing: _____/44	Reading Diagnostic Quiz 1: _____/10
2	» Reading: Reading Questions Overview » Reading: Science	» Intro to the Reading Test » Science How To Part I » Science How To Part II	Reading: Science Practice	_____ /11	Continue Science Practice
3	» Reading: Literature	» Literature How To Part I » Literature How To Part II	Reading: Literature Practice	_____ /11	Continue Literature Practice
4	» Reading: History	» History How To Part I » History How To Part II	Reading: History Practice	_____ /11	Continue History Practice
5	» Reading: Social Science	» Social Science How To Part I » Social Science How To Part II	Reading: Social Science Practice	_____ /11	Continue Social Science Practice *AND* Reading Diagnostic Quiz 2: _____/10 Compare Answers to Diagnostic Quiz 1
6	» Writing: Argument	» Intro to the Writing Test » Writing: Argument How To	Writing: Argument Practice	_____ /11	Continue Argument Practice *AND* Writing Diagnostic Quiz 1 _____/10
7	» Writing: Informative	» Writing: Informative How To	Writing: Informative Practice	_____ /11	Continue Informative Practice
8	» Writing: Narrative	» Writing: Narrative How To	Writing: Narrative Practice	_____ /11	Continue Narrative Practice

Week	Objectives	Videos	Testing	Scores	Homework
9	» Writing: Grammar and Effective Language	» Writing: Grammar and Effective Language: 1. Precision and Concision 2. Style and Tone 3. Syntax 4. End-of-Sentence Punctuation 5. Within-Sentence Punctuation 6. Sentence Boundaries 7. Subordination and Coordination 8. Parallel Structure 9. Modifier Placement 10. Shifts in Verb, Tense, and Mood 11. Pronoun Clarity 12. Pronoun Agreement 13. Possessive Determiners 14. Subject-Verb Agreement 15. Noun Agreement 16. Frequently Confused Words 17. Conventional Expression 18. Logical Comparison 19. Possessive Pronouns 20. Items in a Series 21. Nonrestrictive and Parenthetical Elements		1. _____ /5 2. _____ /5 3. _____ /5 4. _____ /5 5. _____ /5 6. _____ /5 7. _____ /5 8. _____ /5 9. _____ /5 10. _____ /5 11. _____ /5 12. _____ /5 13. _____ /5 14. _____ /5 15. _____ /5 16. _____ /5 17. _____ /5 18. _____ /5 19. _____ /5 20. _____ /5 21. _____ /5	Writing Diagnostic Quiz 2: _____/10 Compare Answers to Diagnostic Quiz 1 and write a Reflection
10	» Essay	» Content » Grading » Examples » How to Approach Essay	Timed Practice Essay	_____ /4 _____ /4 _____ /8	Continue Practice Essay
11	» Final Full Exam	» Final Assessment/ Comparison with First Full Exam from Week 1	Full Exam 1 Reading and Writing (100 minutes)	Reading: _____ /52 Writing: _____/44	
12	» Tips and Tricks for Test Day	» Test Day: What to expect and what to bring » Tips for Test Day	Review All Grades/Progress		

Create an Account and Get Familiar:

- ☐ Create an account and explore the resources that your students will have access to at **satpractice.org**.
- ☐ Make sure students create and link their College Board and Khan Academy accounts.
- ☐ Contact your regional College Board office (**https://www.collegeboard.org/about/region-offices**) to request the SAT and state standards alignment document. Review the alignment document with teachers to draw connections between the SAT and classroom instruction.
- ☐ Learn how knowledge and skills are assessed on the SAT Suite of Assessments. Additional professional development modules about the SAT are available for free at **sat.org/k12**.

Make a Plan and Track the Progress

- ☐ Develop a school action plan with measurable goals for SAT practice for the school year.
- ☐ Plan a teacher training on using Official SAT Practice — use an exploratory approach so that teachers will experience the platform the same way their students will.
- ☐ Leverage existing working groups of teachers. Have groups of teachers share their strategies with each other and troubleshoot issues together, then share out with other groups.
- ☐ Track students' progress using tools such as journals, daily logs, surveys, or polls. Gather quantitative data, such as energy points and completed practice sessions.

Get Everyone Involved and Make It Fun!

- ☐ Listen to students. Use surveys and reflection activities to encourage students to take ownership of their study plans and goals and gather feedback on how to improve the program.
- ☐ Engage students' families to maximize awareness of the tool. Plan a tour of Official SAT Practice during a parent night or other event to ensure everyone is familiar with the tool.
- ☐ Make practice fun and rewarding by encouraging learning, running a schoolwide event, or incentivizing time practicing.
- ☐ Enlist the help of volunteers or community groups to encourage practicing after school.

Step 1 – Review the Data

Log in to the K–12 Score Reporting Portal. On your Summary Report, find all of the scores reported for your school. Which assessments did your students take? (check all that apply)

Assessment	Grade 8	Grade 9	Grade 10	Grade 11	Grade 12
PSAT 8/9 – Fall					
PSAT 8/9 – Spring					
PSAT 10 – Spring					
PSAT/NMSQT – Fall					
SAT					

1. Select one assessment to review. What was your school's average Total Score? _____

   How does it compare with the average in the district?_____ State?_____ Nation?_____
2. What percentage of students met the benchmark in Evidence-Based Reading and Writing (ERW)? _____ Math?_____ Both?_____
3. How do these results compare with the district, state, and nation?
4. What is the good news about these data?
5. What concerns arise from these data?
6. What questions are you generating as you observe this information?

   Go to the Reports menu to select the Instructional Planning Report (Report Type) for the assessment and grade level your team is viewing.

Insert the percentage of students in your school who fall into each category in the table below:

Score	Need to strengthen (red)	Approaching (yellow)	Meets or exceeds (green)
Section: ERW			
Section: Math			
Test: Reading			
Test: Writing and Language			
Test: Math			
Subscore: Command of Evidence			
Subscore: Words in Context			
Subscore: Expression of Ideas			
Subscore: Standard English Conventions			
Subscore: Heart of Algebra			
Subscore: Problem Solving and Data Analysis			
Passport to Advanced Math			

7. In which area(s) did your students perform best (highest percentage in the green range)?_____ Is there room for improvement in this area?
8. In which areas do your students need to improve (highest percentage in the red range)?_____
9. Look for scores which have high percentages of students in the red and yellow categories. What do these scores have in common? What instructional strategies are in place to build students' skills? What instructional strategies can be implemented to strengthen students' skills in these areas?
10. What are some steps you will consider to increase the number of students in the green ranges?

Step 2 – Set Goals for Improvement

SMART Goals:

Define how you will measure your implementation success. Be sure your Goals are

S – Specific

M – Measurable

A – Attainable

R – Realistic

T – Time-oriented

Examples:

a. In the 2015-16 school year, 42 percent of students met or exceeded both of the college and career readiness benchmarks on the PSAT/NMSQT®. By 2018-19, at least 50 percent of students will meet or exceed both of the college and career readiness benchmarks on the PSAT/NMSQT, with all subgroups demonstrating growth.
b. In the 2015-16 school year, 35 percent of the class of 2020 students practiced 60 minutes per week on Official SAT Practice on Khan Academy. By the 2019-20 school year, 90 percent of students will practice 60 minutes per week on Official SAT Practice on Khan Academy.

List up to two Goals:

1. _____

2. _____

Step 3 – Review SAT Practice Resources

satpractice.org/k12

Information, resources, and tools here can help educators prepare students to take the SAT, PSAT/NMSQT, PSAT 10, and PSAT 8/9.

Sample Tweets, Facebook posts, and additional resources to spread the word about Official SAT Practice on Khan Academy.

sat.org/practice

Full-length practice tests

sat.org/studygroup

Study Group Information, including goal setting and study plan samples.

www.youtube.com/collegeboard

"How to" videos on linking College Board and Khan Academy accounts and reading results.

To watch a walkthrough video of OSP and other SAT tips and strategies, visit the "Tips and Strategies" tab after you have logged in at **satpractice.org**.

Review a six-week lesson plan at **satpractice.org/k12**

Activity:

List the resources you found to be helpful.

a. Share with your group.

b. Save items you would like to use again in a folder on your computer.

Step 4 – Design Implementation Strategies and Activities

Strategies:

What will adults in the building do differently in order to accomplish the goal? When will you implement?

Examples:

1. Teachers will arrange a schedule to cover computer labs during flex hour and/or after school practice time so students can access Official SAT Practice on Khan Academy by Oct. 1, 2016.
2. One staff member will be appointed as a liaison with the local Boys and Girls Club or YMCA to support student SAT practice by Oct. 1, 2016.

List up to three strategies and dates for implementation:

1.

2.

3.

Activities: What actions will students take to accomplish the goal?

Examples:

1. Students will utilize Official SAT Practice 60 minutes per week each week from now until SAT School Day in March.
2. Students will use the Daily Practice App for bell work, ticket-out-the-door at least weekly in content area classes beginning Oct. 1, 2016.

List up to three activities and dates for implementation:

1. _____
2. _____
3. _____

Resources: What assets are needed (human, material, fiscal, time) to accomplish the goal?

Examples:

1. Two class periods will be scheduled in English classes for students to sign up for and link College Board and Khan Academy accounts.
2. Evening events will be scheduled by counselors to introduce Official SAT Practice on Khan Academy.
3. Computer labs will be reserved for one month for College Board and Khan Academy account linking from Oct. 1 through Oct. 31.

List up to three resources:

1. _____
2. _____
3. _____

Implementation Plan

Initial Date	Strategy/Activity	Communication Plan (Who/When/What?)	Responsible Person	Check-in Date	Completion Date