

Apple Intelligence for Education (K–12)



Overview

Built into iOS, iPadOS, and macOS, Apple Intelligence helps education users be more productive with powerful, integrated, intuitive, and personal tools — all in a private and secure way. This internal guide provides messaging for the latest Apple Intelligence features for the K–12 Education audience. Since most students won't have access to these features on the existing devices many schools have, the document focuses on how educators and leaders can use Apple Intelligence. Older students may have these features on their iPhone, so that's another important reason for educators to familiarize themselves with their capabilities.

Use this guide to have conversations with K–12 decision makers, such as leadership, curriculum leads, and IT leads. This internal document provides the background and details you'll need when speaking to them about Apple Intelligence features. Do not share this document directly with customers. You can use the copy in this guide for conversations and email copy.

Apple Intelligence is compatible with these devices.

Apple Intelligence is free to use and will initially be available in U.S. English.¹

iPhone 16

A18

iPhone 15 Pro Max

A17 Pro

iPad mini

A17 Pro

Mac mini

M1 and later

iPhone 16 Plus

A18

iPhone 15 Pro

A17 Pro

MacBook Air

M1 and later

Mac Studio

M1 Max and later

iPhone 16 Pro Max

A18 Pro

iPad Pro

M1 and later

MacBook Pro

M1 and later

Mac Pro

M2 Ultra

iPhone 16 Pro

A18 Pro

iPad Air

M1 and later

iMac

M1 and later

Apple Intelligence

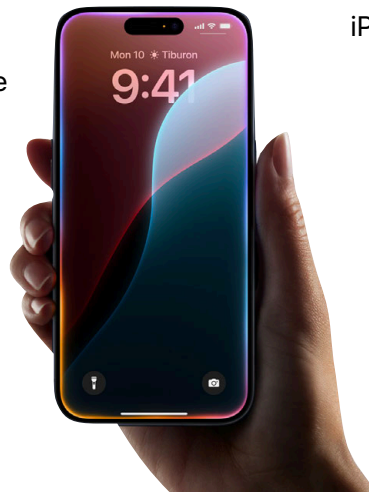
All industries — both high tech and traditional — are increasingly infused with technology, making it more important than ever to integrate digital tools and emerging technologies into the classroom. Apple technology empowers learners of all ages with the digital skills and agency they need to thrive in future careers.

Apple Intelligence supports this, too, because it's integrated into system experiences and apps that leaders, educators, and students use every day. It uses personal context to deliver intelligence that's useful and relevant, enhancing productivity and creativity privately and securely. While this is a new chapter in Apple innovation that will transform what education users can do with Apple products and what Apple products can do for education users, we also know this is a new space for schools worldwide. Apple is here to help school leaders and educators navigate how Apple Intelligence fits into their classrooms and curricula to determine what works — and to determine the best path forward.

Privacy and security

Apple Intelligence is designed to protect user privacy at every step. It's deeply integrated into the core of iPhone, iPad, and Mac, harnessing the power of Apple silicon and Apple-built generative models to understand and create language and images, take action across apps, and draw from personal context to simplify and accelerate everyday tasks.

Many of the models that power Apple Intelligence run entirely on device, so it's aware of your personal information without collecting your personal information. And Private Cloud Compute offers the ability to flex and scale computational capacity between on-device processing and larger, server-based models that run on dedicated Apple silicon servers. Your data is never stored and it's only used to fulfill your requests. Independent researchers can verify these privacy promises.



Management and restrictions

While Apple Intelligence features offer many great opportunities across education use cases, some institutions have to be able to manage certain features due to district or school policies. To address these concerns, Apple provides mobile device management (MDM) and Assessment Mode (AAC) controls for Apple Intelligence features, such as Math Notes, Writing Tools, Siri, Smart Script, Image Playground, Genmoji, Mail Summaries, Call Recording, and ChatGPT integration. These features can be restricted individually on Mac, iPhone, and iPad.

Write with intelligent new tools. Everywhere words matter.

With systemwide Writing Tools, users can refine their words by rewriting, proofreading, and summarizing text nearly everywhere they write, including in Mail, Notes, Pages, and third-party apps.

Whether tidying up written directions, ensuring a class newsletter reads just right, or making sure an email is perfectly crafted, Writing Tools help users feel more confident in their writing. With Rewrite, users can choose from different versions of what they've written, adjusting the tone to suit the audience and task at hand. From finessing a letter of recommendation for a student, to adding creativity to an assignment, Rewrite helps users deliver the right words to meet the occasion.

Proofread checks grammar, word choice, and sentence structure while also suggesting edits — along with explanations of the edits — that educators can review or quickly accept.

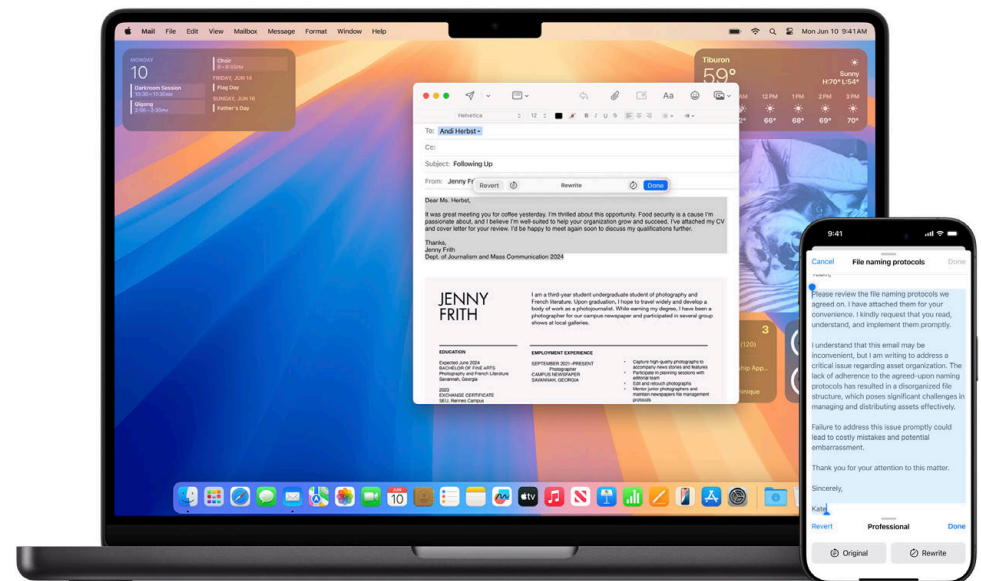
And Summarize allows users to select text and generate a summary in the form of a digestible paragraph, bulleted key points, a table, or a list. It works with content of all kinds, such as documents, articles, or emails.

Use case example: Change Tone

John has written an email reply to a parent complaint about a new class policy, but he's worried that the tone is a little too harsh. Using Writing Tools, John can tap Professional to make the tone more professional. To provide even more specific directions, John could also use the "Describe your change" feature, by telling it to "Make this message clearly detail the reason for the decisions in a professional manner."

Use case example: Summarize

Susan taught a lesson on a day that many students were out sick. She recorded it on her Mac directly in Notes to create a transcript of the lesson, then uses Apple Intelligence to generate a summary of the transcript so she can get to the most important information at a glance. Susan can also use Writing Tools to create key points, a table, or a list to transform the notes into other formats to share with her students.



More natural and personal Siri.

Apple Intelligence marks the start of a new era for Siri.

Siri becomes more natural, contextually relevant, and personal than ever. Siri has richer conversational capabilities and expansive product knowledge. A brand-new look and feel comes hand-in-hand with the option to move fluidly between typing and speaking to Siri, and the Siri voices have been enhanced too. More Apple Intelligence features for Siri will roll out over the course of the next year.

Awareness of a user's personal context enables Siri to help them in ways that are unique to them. Can't remember who shared that lesson idea with you in a note, a text, or an email? Need your passport number while booking a flight? Siri can use its knowledge of the information on the user's device to help find what they're looking for, without compromising their privacy.

And users can seamlessly take action in and across apps with Siri by making a request like "Send the email I drafted to April and Lily." Siri knows which email you're referencing and which app it's in. And Siri can take actions across apps, so after you ask Siri to enhance a photo for you by saying "Make this photo pop," you can ask Siri to drop it in a specific note in the Notes app — without lifting a finger.

Over the course of the next year, Siri will gain on-screen awareness, insight into personal context, and the ability to take hundreds of actions in apps across the system, making it even more personal and more capable.

Use case example: On-device Apple support

Katie wants to send a message to a London-based teacher her class has been collaborating with. She's excited to try the "Send messages later" feature in Messages so she can send it to arrive in the early morning rather than the middle of their night. She hasn't used it yet, so she asks Siri, "How do I send a message later in Messages?" Siri responds with relevant and contextual help.

Use case example: Finding documents

Fleur is trying to find an assessment that her department chair sent last week, but can't remember if it was in Mail, Messages, or another app. She speaks or types to Siri "Show the files David sent me last week" and sees context across apps and files, including some third-party apps.

Use case example: Productivity

Jane is attending an after-school staff development workshop at another school in her district. She wants to be on time, so she types or speaks to Siri "When and where is my Township Schools Professional Learning meeting?" and Siri answers with the time and location details. Siri also understands context and can look at maps and traffic to answer Jane when she asks "How long will it take me to get there?" Since the meeting ends right before dinner, Jane can also ask, "What are some good restaurants nearby for dinner?" and Siri also understands that context and can answer with suggestions.



Staying on top of emails has never been easier.

With its deep understanding of natural language, Apple Intelligence in Mail will help leaders and educators prioritize and focus on their most essential communications.

Apple Intelligence will surface urgent messages in the new Priority Messages section, and show summaries across a user's inbox and within threads. Smart Reply will help them quickly respond to emails and move on.

Use case example: Mail summaries

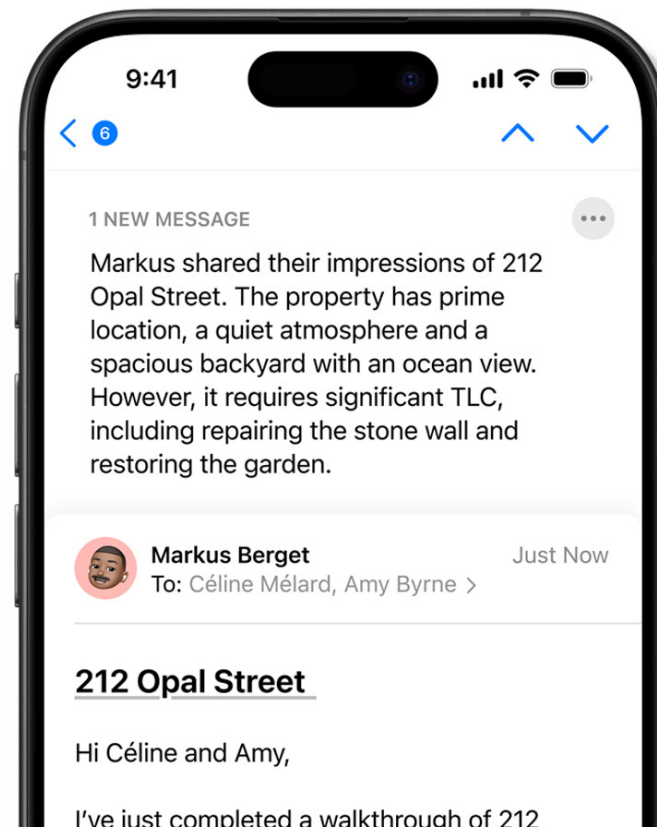
John is planning a field trip to the aquarium for his class. There have been a lot of coordination emails between himself and a group of room parents who are helping him plan the trip. To make sure nothing's been forgotten, John taps Summarize to get the most important information from each email to help him sort through all the email threads.

Use case example: Smart Reply

An email to the whole school went out with an error in timing and location of the school's Spring Sing event. Because of this, an elementary teacher, Steve, has been getting many emails from parents asking to clarify the timing and location. Based on the content of the emails, Mail can show him smart options to choose from that add detail to the reply, like answering specific questions parents asked. When he makes the selections, Smart Reply incorporates his choices into the generated draft so it's ready to send.

Use case example: Priority Messages

Chantelle is awaiting a site visit from a new district leader. He's scheduled to arrive at noon, but said he'd email which classrooms he'd like to visit ahead of time. Chantelle takes advantage of priority messages in Mail, so as soon as she received his email that morning, the time-sensitive message is elevated to the top of her inbox, so she can quickly start pulling together all the details of the new leader's visit. She also takes advantage of Priority Notifications and the Reduce Interruptions Focus feature when she's in a meeting so she doesn't miss the text message from the front office letting her know that he's arrived.

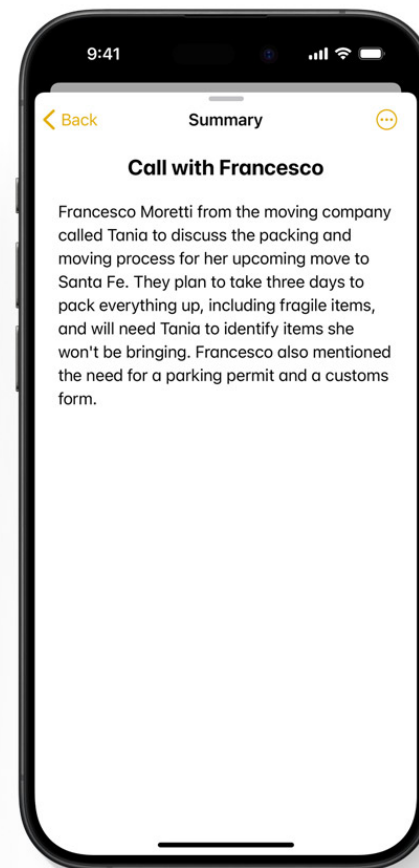


Record, transcribe, and summarize audio with the help of Apple Intelligence.

Users can tap Record in the Notes and Phone apps to capture audio recordings and transcripts. Apple Intelligence generates summaries of transcripts, so users can get to the most important information at a glance and easily recall key points.

Use case example: Transcripts

Matt, the principal, uses transcripts in Notes to record a faculty meeting. Knowing that a few teachers had to miss the meeting, and others wanted to revisit some of the topics discussed, he uses Apple Intelligence tools to summarize, create bullet points, and provide key points of the meeting to share with his faculty.



Delightful images created just for you.

Apple Intelligence enables delightful new ways for education users to express ideas visually.

With Image Playground, users can turn a thought, photo, or sketch in to a fun and original image in seconds right in apps like Messages, Notes, Freeform, Pages, Keynote, and third-party apps. Users can create an entirely new image based on a description, suggested concepts, and even a person from their Photos library. They can easily adjust the style and make changes to match a Messages thread, a Freeform board, or a slide in Keynote. And they can experiment with different concepts and try out image styles like animation, illustration, and sketch in the dedicated Image Playground app.

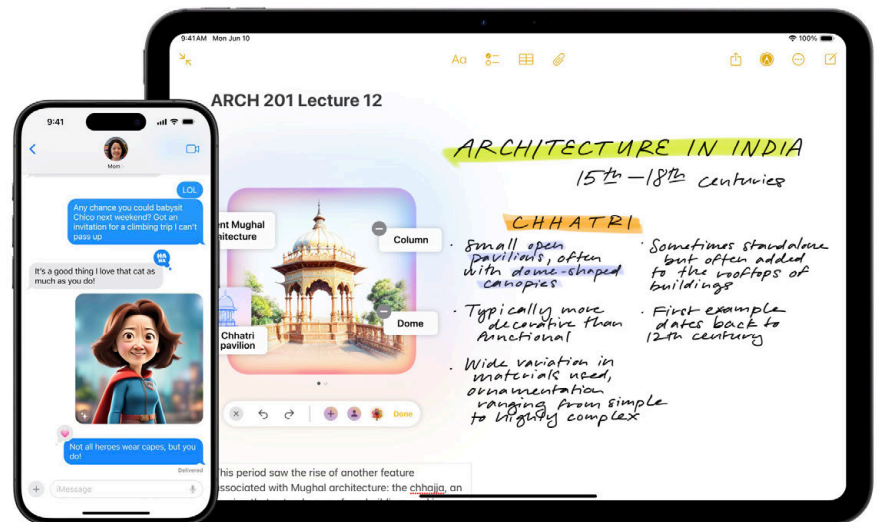
Image Wand on iPad can transform rough sketches into a related image in the Notes app. Using a finger or Apple Pencil to draw a circle around the sketch, Image Wand will analyze the content around it to produce a complementary visual. Users can even circle an empty space, and Image Wand will use the surrounding context to create a picture.

Use case example: Image creation

John is creating his Back-to-School Night presentation for parent night. Normally, John would have to search for clip art or stock photos, but with Apple Intelligence features, he can simply pull up the Image Playground interface in Keynote. Image playground will understand the context of the slide and offer suggestions. John can also add a prompt, such as “a school bus full of smiling children” and easily add that to his presentation.

Use case example: Search for photos and videos and use Clean Up

Scott recorded his students’ presentations on Character Day book reports, but he can’t remember when they were filmed or which student was which character. In the Photos app, Scott can simply describe what he’s looking for, such as “Amelia Earhart in flight suit” and Apple Intelligence will find the photos. He can even find a specific moment in a video clip that fits the description and take him right to it. Once Scott finds the photo he’s looking for, he’s able to remove distractions in it using the Clean Up tool. Apple Intelligence identifies background objects, like another student’s hand or leg in the frame, and he can remove them with a tap.

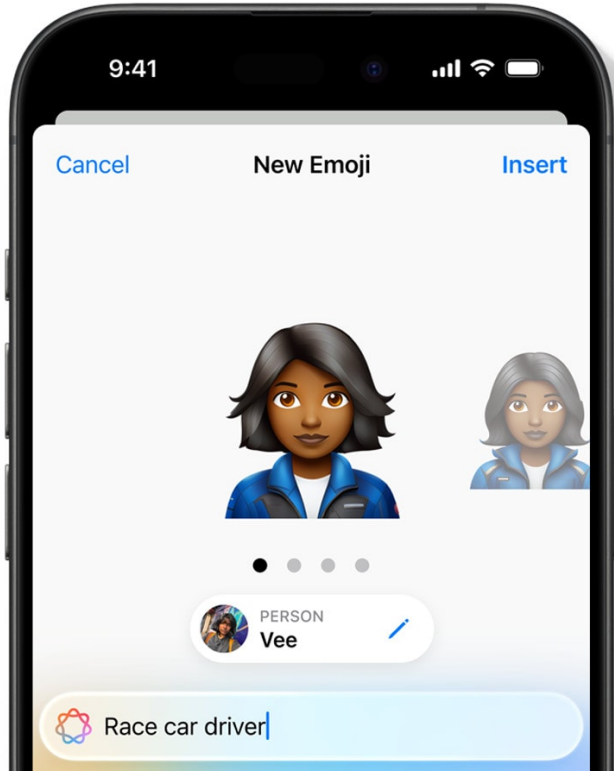


Genmoji creation to fit any moment.

Taking emoji to an entirely new level, users can create an original Genmoji to express themselves. By simply typing a description, their Genmoji appears, along with additional options. Users can even create Genmoji of friends and family based on their photos. Just like emoji, Genmoji can be added inline to messages or shared as a sticker or reaction in a Tapback.

Use case example: Genmoji

Jennifer and Craig are professional learning directors at their school district. In the hopes of driving excitement and attendance to an upcoming event, they decide to use a cartoon theme on the invitations. They ask Genmoji to create cartoon characters of each of them and use the characters for the invitation and throughout the presentation to make it fun and engaging.



ChatGPT, seamlessly integrated.

Apple is offering users ways to access ChatGPT from OpenAI directly from certain experiences in iOS 18, iPadOS 18, and macOS Sequoia. Within Siri and Writing Tools, users can draw on ChatGPT's broad world knowledge and expertise without needing to jump between tools.

Siri can tap into ChatGPT for certain requests, including questions about photos or documents. And with Compose in Writing Tools, education users can create and illustrate original content from scratch.

Users can choose to enable the ChatGPT integration. Users control when ChatGPT is used and will be asked before any information is shared. Anyone can access ChatGPT for free, without creating an account, and take advantage of built-in privacy protections. And ChatGPT subscribers can connect accounts to access paid features within these experiences.

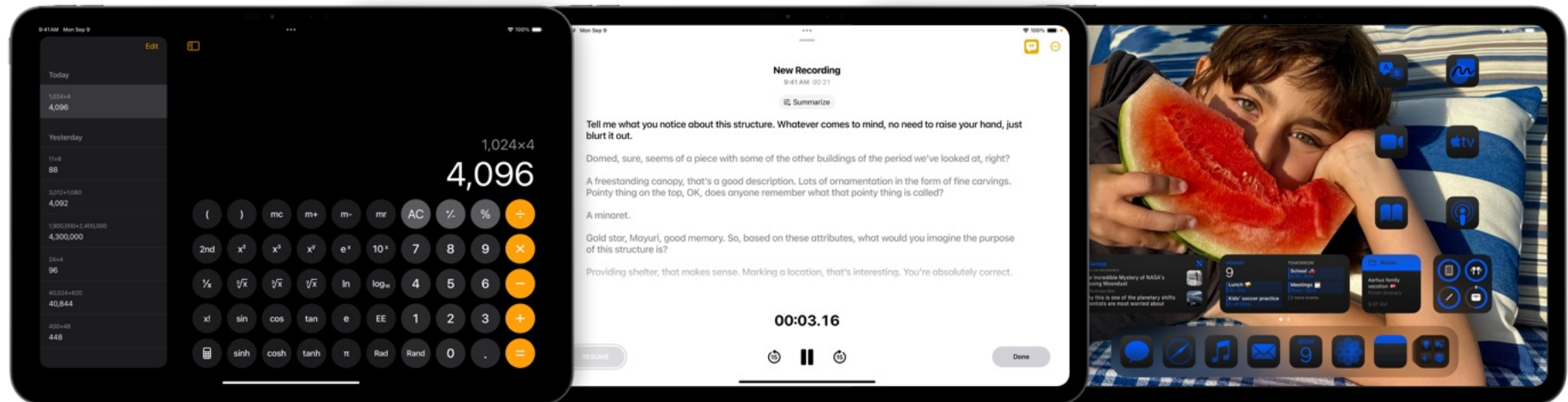
Use case example: Productivity

Annie has been asked to write a letter of recommendation for a student. In Pages, she opens Compose in Writing Tools and types "Write a letter of recommendation for a college application for a student in my advanced English class. Make sure to include that she's had perfect attendance, always participated in Socratic Seminars, and was the kind of student who was helpful to everyone. She also made dramatic improvements in her writing over the year and would ask for help." Annie will be prompted "Do you want me to use ChatGPT to do that?" and if she allows it, the prompt will be securely and privately passed to ChatGPT, and she'll receive a draft of the letter of recommendation in response.



Additional Machine Learning Features

The features on the following pages harness machine learning on iPadOS 18. They're ideal for education, and because they're available on more iPad models than those that support Apple Intelligence, they're more likely to be used by students.



Calculator on iPad delivers a new way to solve with Math Notes.

Designed for the unique capabilities of iPad, Calculator delivers an entirely new way to use Apple Pencil to solve expressions, as well as basic and scientific calculators with a new history function and unit conversions.

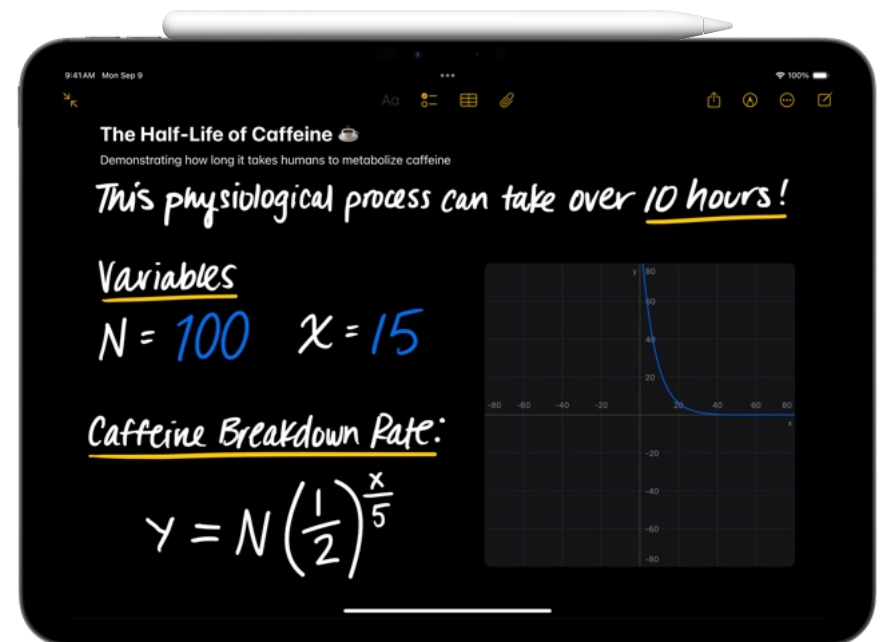
Students are asked to solve and graph expressions in various levels of math. With Math Notes, students and educators are able to type mathematical expressions or write them out to see them instantly solved in handwriting like their own.² They can also create and use variables, and add an equation to insert a graph with just one tap. Graphs can be zoomed in on, panned around, and resized to help visualize written or typed equations. And students can even add multiple equations on the same graph to see how they relate and then make an adjustment to see how it affects the results.

Calculator solves expressions inline as soon as an equal sign is written or typed.³ Users can also turn on suggestions, so they can choose whether they want to see the answer or solve the equation themselves. It's easy to adjust any number you write in Math Notes — for both expressions and graphing equations — by tapping a number and dragging the scrubber that appears left or right. To make it even easier to get through all the day-to-day math, Calculator also adds history and unit conversions. And it's easy to create and save a Math Note to revisit anytime, from either the Calculator or Notes app.

Note: Math Notes is also available on Macs running macOS Sequoia.

Use case example: Math Notes

In physics class, students are asked to determine the velocity at which a baseball is hit based on different types of pitches they observe. First, they're asked to determine an estimate based on prior knowledge, such as watching live baseball games. Next, students are asked to prove their estimate by creating an equation to solve for velocity. Students need to determine what variables are required to create the equation. Once equations are established, Math Notes lets them update any of that information — various speeds, angles, and more — and corrects or adjusts in real time. Students can also visualize the data and take their learning further with Math Notes graphing capabilities.



Jot down thoughts fast. Let Smart Script smooth it out.

Writing is an important classroom activity, and Smart Script makes handwritten note-taking more beautiful, legible, and flexible.⁴ With the power of Apple Pencil, Notes can automatically adjust and refine handwriting in real time to make it easier and neater to read. Powerful new capabilities allow users to edit handwritten text by adding space or scratching out handwriting to delete it. Users can also paste text as handwriting in a style similar to their own, and autocorrect errors in line.

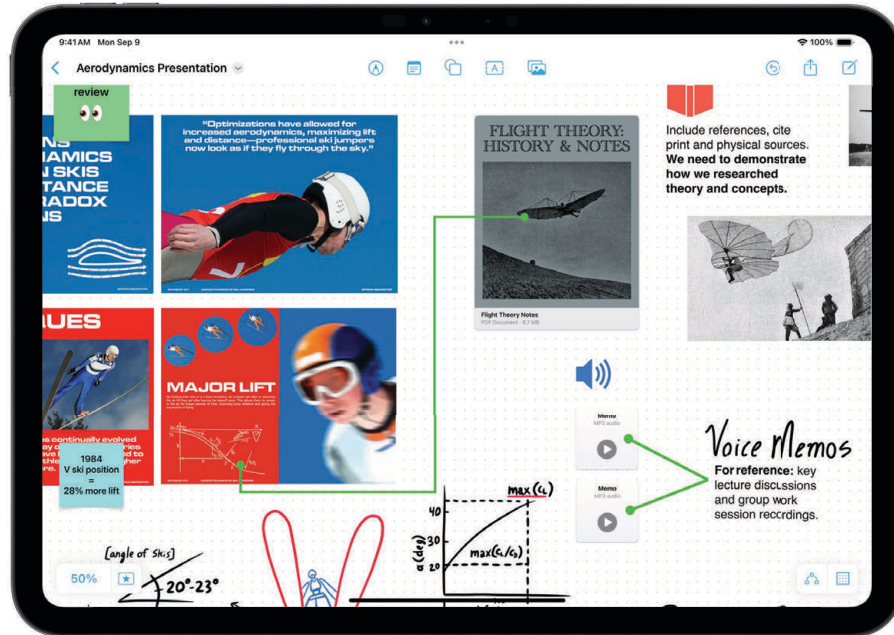
Use case example: Smart Script

Students in a high school science class are working on a chemistry lesson where they're measuring the pH of various substances. They work in Notes and take advantage of Smart Script on iPad to create a lab report. As they jot down their notes and observations, Smart Script cleans up their handwriting so it's easier to read. It also catches misspelled words in real time. As students illustrate their learnings with charts and diagrams, they can also snap shapes into place to replace a freehand shape with a perfect one. And they can export their work to a PDF to turn it in physically or submit it via a learning management system.



Present and share your story with improved organization.

Freeform is an incredibly useful digital whiteboarding app that students and educators can use to bring their ideas to life — whether they're sketching out a project, designing a mood board, or starting a brainstorming session on a flexible canvas. They can create scenes to organize content into sections, then save, label, and order them however they'd like. Users can easily send a copy of a board to their peers with just a link, allowing anyone to interact with the template on their iPhone, iPad, or Mac.



Use case example: Freeform

Stacey creates a storyboard of a lesson plan in Freeform that includes various types of resources and then uses it to pitch the plan to her grade partners. She can bring in audio, video, drawing, USDZ files (3D asset), and more to illustrate her ideas. She can even save a marked-up PDF — such as an example worksheet from a student — back to the board. After adding each element, she can tap the Scene button that organizes sections of the board by topic to make it easier to present. When it's done, Stacey can pitch the plan to the team, and invite others to collaborate as they continue to iterate on it. The team can save the board as a template for future lesson planning.

Resources

Customer-facing

- [Apple Intelligence](#)
- [iPadOS 18](#)
- [macOS Sequoia](#)
- [What's New for Education — September 2024](#) (Keynote and PDF)
- [How to Get Apple Intelligence on iPhone](#) (Apple support article)

Internal

- [What's New for Education FAQ — WWDC 2024](#) (PDF)
- [Education and Business Field Readiness webcast recording](#) (Phantom video)
- [Education Field Readiness Brief—September 2024](#) (PDF)

¹Apple Intelligence is available in beta on all iPhone 16 models, iPhone 15 Pro, iPhone 15 Pro Max, iPad mini (A17 Pro), and iPad and Mac models with M1 and later, with Siri and device language set to U.S. English, as part of an iOS 18, iPadOS 18, and macOS Sequoia update. English (Australia, Canada, Ireland, New Zealand, South Africa, UK) language support available this December. Some features, additional platforms, and support for additional languages, like Chinese, English (India, Singapore), French, German, Italian, Japanese, Korean, Portuguese, Spanish, Vietnamese, and others, will be coming over the course of the next year. ²Available with variables created using the Latin alphabet. ³Available for math written using Western Arabic numerals and common mathematical symbols or typed using Arabic (Eastern & Western) and Devanagari numerals and common mathematical symbols. ⁴Available on iPad Pro with M4, 12.9-inch iPad Pro (5th generation and later), 11-inch iPad Pro (3rd generation and later), iPad Air with M2, 10.9-inch iPad Air (4th generation and later), iPad (10th generation), and iPad mini (6th generation). Available in English (Australia), English (Canada), English (India), English (Ireland), English (New Zealand), English (Singapore), English (South Africa), English (UK), English (U.S.), French (Belgium), French (Canada), French (France), French (Switzerland), German (Austria), German (Germany), German (Switzerland), Italian (Italy), Italian (Switzerland), Portuguese (Brazil), Portuguese (Portugal), Spanish (Latin America), Spanish (Mexico), and Spanish (Spain).