

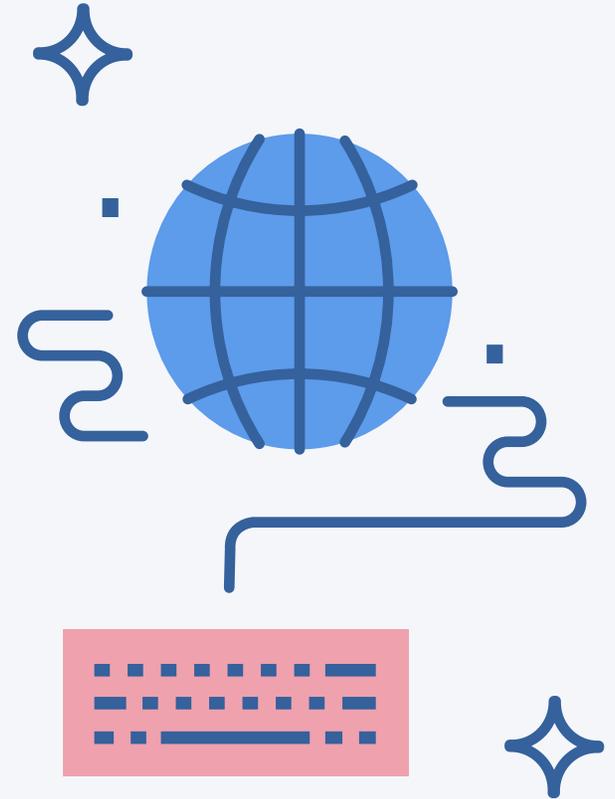
# Apple Educational Technology Essentials for K-12





## The expanding role of technology in education

Educational technology helps elevate and enrich learning and teaching experiences, when used effectively. The global pandemic put an emphasis on the benefits of upgrading educational ecosystems to accommodate in-person, distance or hybrid learning environments.



### In this e-book, you'll learn:

- The basics of educational technology
- Steps to maximize your educational technology
- Resources available for teachers, students and parents





## Creating a vision

Understanding the needs of your school's faculty, students and parents is the most crucial first step in making the smartest technology decision. The COVID-19 pandemic proved as measuring stick to how prepared schools were then, are now and will be in the future to empower all users with technology that empowers them anywhere. Now is the perfect opportunity to assess what went well, where there are opportunities and what processes and policies should be in place to set schools up for success in the years to come.

- How comfortable is the staff with the current state of tools and technology?
- Is communication and classroom management an issue?
- Do students have the tools and access to resources in order to get the most out of their education?

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When it comes to spending money, no industry is wiser to the ways of scrupulous spending than education. Every dollar spent matters when it means less funds available for other areas that also may need attention. This means that any technology purchased needs to be an investment for now and the future. Without a vision, many educational institutions use stop-gap hardware and solutions out of convenience, but this can end up costing schools more time and money down the line.

Instead, gather intel on the specific needs of teachers, students, parents and IT administrators.

- Are students (and teachers) able to collaborate effectively?
- Does the school need more parent involvement or engagement?

These are all important questions to be asking when determining a school's path to technology success.



## Real schools, real problems

Each school has its own needs and requirements, but there are common challenges that all will face. First and foremost, how will schools get the technology into users' hands and how will they keep it running smoothly? Any of this sound familiar?

Belgrave St.Bartholomew's Academy in Stoke-On-Trent, England, for instance, had already invested in a few iPads in the past, but had struggled to manually update each device and install different apps or content based on varying student needs. [Read their success story](#) to see how they were able to bolster their device numbers and gain control of their technology with the help of Jamf.

After extensive analysis evaluating technology possibilities from Google, Microsoft and Apple, the Sewanhaka Central High School District in New York said their nearly 9,000 iPad devices not only level the socioeconomic playing field between students, but they also serve as a huge equalizer for students with learning differences. [Get the details](#) on how they upped student equity by learning more about their journey.

Armed with a clear vision to refresh the education curriculum and make a difference to all young people's lives, Scottish Borders Council was looking for solutions that embodied the pillars of mobility, personalization, collaboration and excellence. But how did they narrow down their options? [Learn more in their case study](#) to discover how they were able to come to a decision and learn why Jamf was their solution of choice.

Another school wanting to enhance their education technology and user experience was Griffland College in the Netherlands. After establishing a 1-to-1 iPad program for their 1400 students, they needed a robust solution to ensure they were getting the most of their newly added devices. How did they do it? [Check out this video](#) and hear from Kees Versteeg, Principal of Griffland College, about their process.

**How can Jamf help support your school's vision? Let's start exploring the opportunities that benefit teachers, students, parents and admins alike when Jamf is paired with Apple.**



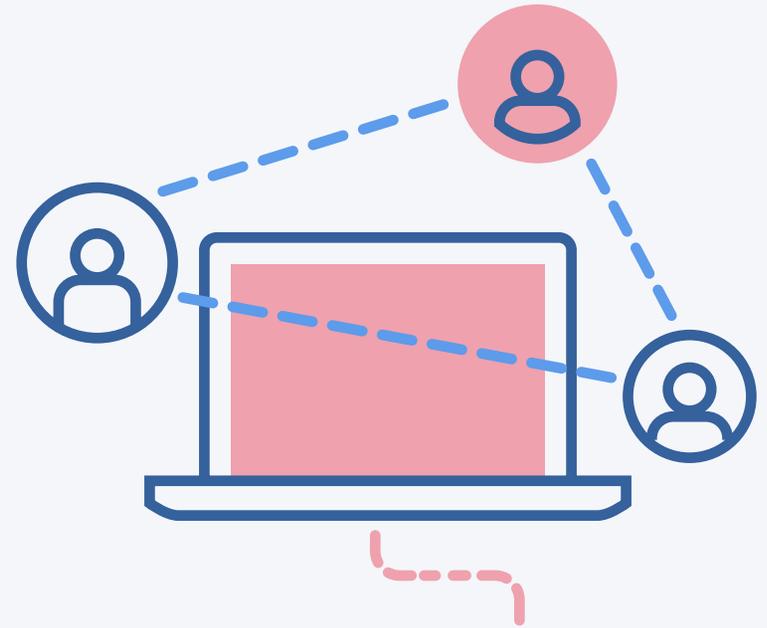
## Exploring the possibilities

### Jamf for teachers

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Making it easier for teachers to communicate, teach and assess.

On iOS, iPadOS or macOS, the Jamf Teacher app for Jamf School is an essential tool that gives educators the power to take control of their classrooms and connect with students, no matter where they may be learning.

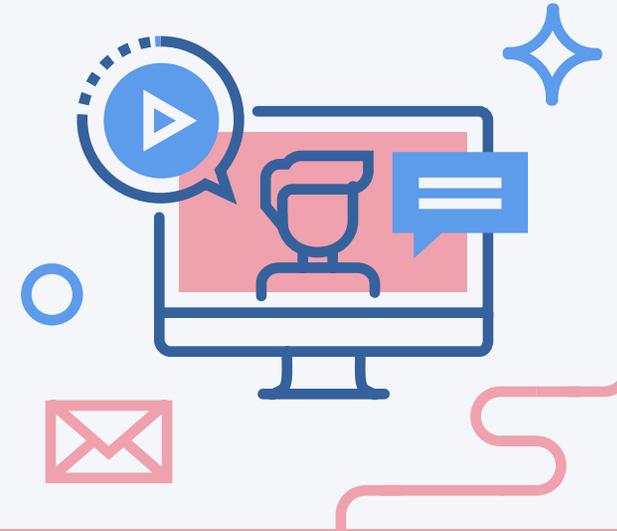


### What can Jamf Teacher do?

- Create and manage classes
- Create and start lessons
- Share lessons
- Invite students to a remote class
- Message students as a group or individually
- Request specific apps for students
- Manage student devices



The Jamf Teacher app hosts an array of features to help integrate technology into the educational experience, allowing teachers to bring their focus back to what's important – giving their students the best education possible. Here are just a few of the key features to make this happen:



**Remote Class:** Teachers can connect with students the moment they need help in one click. This feature empowers educators with an easy and secure way of connecting with students through Zoom, Microsoft Teams or Google Meet. They can also easily deploy a conference link to a student's iPad in the Jamf School Student app – creating a meeting in a quick click.

**Raise Hand:** A Raise Hand option allows students to send a message immediately to their teacher when they need help. This way, teachers can quickly identify which students may need help or require attention. When a student uses this feature, it alerts the teacher when help is needed and teachers can easily reply via messages, email or start a Remote Class for a 1-on-1 help session.

**Manage from any device:** From either their iPad or Mac, teachers also have the ability to create ad-hoc classes whenever necessary to organize non-scheduled group gatherings in, for example, the school library. This ad-hoc class will sync with Apple Classroom, so that teachers have the identical options as they do with managed classes.

**Lesson organization:** Prepare lessons in advance and share with any class. Lessons determine which apps, resources and websites students may access. Access to certain apps and websites can also be restricted to set hours. At the end of the lesson, Apple Classroom Class Summary displays what each student has worked on.

**Jamf Assessment:** This app allows a proctor to see both a live recording of the screen and video of the student through the camera, making remote assessment easier while meeting high-stakes exam security requirements.

# Jamf for students

Allow students to reach their full potential with tools for enriched learning, collaboration and communication.

**Efficient communication:** Students can send messages to their teacher or use the Raise Hand feature, when the teacher has enabled two-way communication in the app, to help with questions immediately.

**Access to resources:** Students can get immediate, equitable access to learning materials at their fingertips. With the Jamf School Student app, students can manage their own iPad devices and can install (school-approved) apps and use documents stored in their personal iCloud drive.

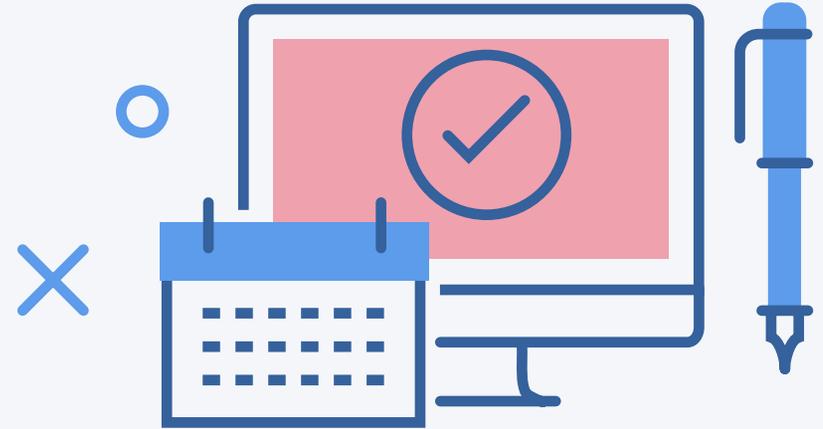


**Keep apps simple:** [Explain Everything](#), [eSpark](#) and other partnerships with Jamf give access to top-tier learning and collaboration tools. By using a core set of apps that are non-subject specific, students can effectively collaborate on a virtual whiteboard or access learning games, videos and digital activities to keep them engaged and motivated to learn. See the full list of available integrations in our [Marketplace](#).

## Jamf for parents

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Give parents the power to get involved and help manage their children's school-issued devices.



**Allow and restrict apps:** Choose which apps children can use on their school-issued devices and monitor use. Parents can also easily restrict the use of game apps and social media on the device to keep students focused during their studies. Keep an eye on communication via popular apps like WhatsApp and Messenger, too.

**Enable App Lock:** Use App Lock to set a timer for app restrictions. While a device is in App Lock, children will only be able to use the apps you allow during a specified time period. This way they can do their homework with no distractions from non-educational apps.

**Set locations:** See the approximate location of children's devices and set device rules based on the location, like if they're at home, a friend's house or at school. Parents can also receive a notification when the student arrives safely at school.



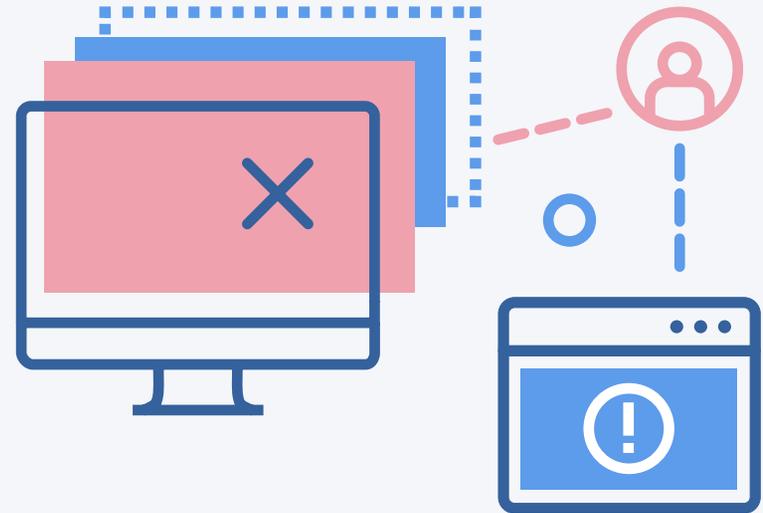
# Jamf for IT admins

Seamless and simple device management for IT.

**Restriction management:** Configure how long restrictions can be set on student devices and during what specific timeframe. Admins can also remove restrictions set by apps using a mass action or remote command.

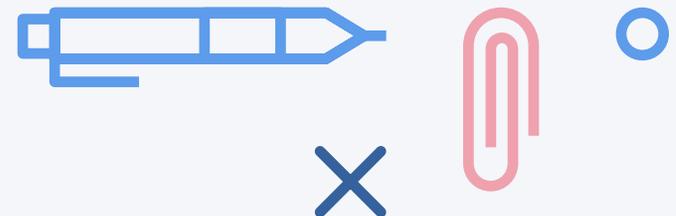
**Monitor for red flags:** Keep track of managed devices, users and apps so admins can identify possible issues and take action early.

**Manage multiple locations:** With location support, manage each location and its devices, users and groups separately, pushing down profiles, apps, etc., from a single location.



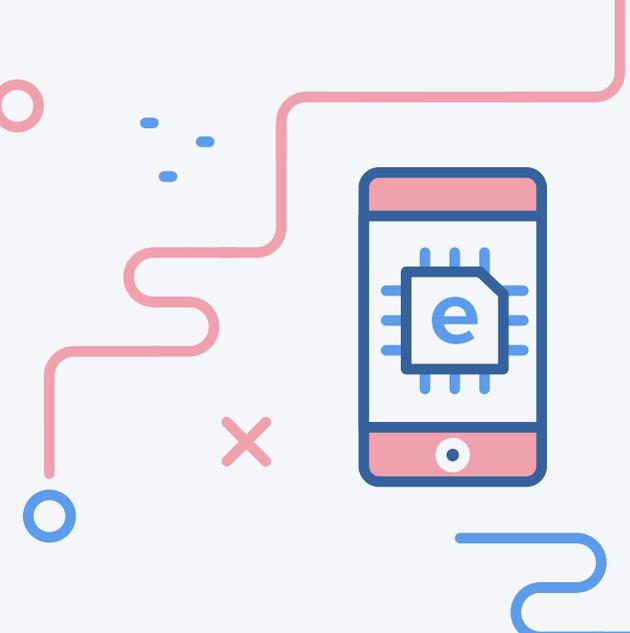
**Reduce help tickets:** With the ability to use Jamf Self Service, simple things like password resets and requesting access to tools is in the hands of teachers and students, reducing the need for excessive help desk or support tickets.

**Provide an exceptional experience:** When everything comes together with Jamf, students, teachers and parents will never see the 'magic' happening behind the scenes. However, admins and IT teams can rest easy knowing they're providing their schools with the smooth, beautiful user experience they expect from Apple.





# The future of educational technology



## Promising Jamf partnerships

Maybe your school is already using Microsoft or Google devices and tools and you're not sure how to integrate Apple into your current ecosystem. Jamf has recently announced conditional access with both Microsoft and Google, and this is just the beginning. Now you can unite the power that these big names provide, while ensuring your fleet remains properly managed and secured.

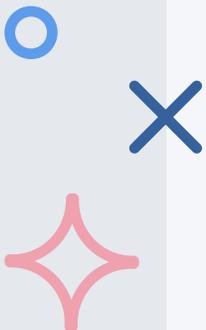
## The potential of eSIM

In the past, cellular devices included a slot where a small Subscriber Identity Module ("SIM") card could be inserted. Most of the time, devices came with a card already installed to link the device to a cellular carrier and service plan. Now, however, some modern devices are switching to use an Embedded SIM ("eSIM") that can store this information digitally, allowing cellular configuration to be managed remotely.

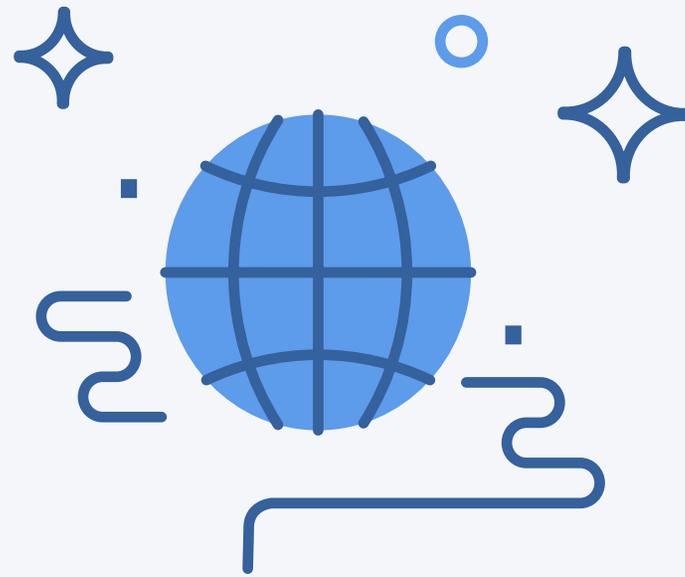
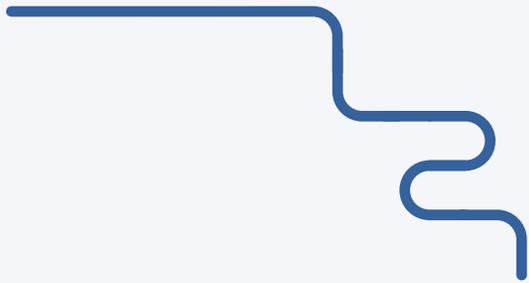
This opportunity opens a whole new set of doors for the education industry. Think about how this could affect a school's Wi-Fi network, for instance. Instead of being completely reliant on this network, the internet connection is already included on the device. This could mean huge changes to school internet infrastructure as a whole and may provide limitless mobility and accessibility to users.

Another problem some schools face is providing equitable access to a stable internet connection and access to learning materials for students who may not be in the school building. The use of eSIM devices could potentially solve this problem for good.

**Ready to start taking advantage of eSIM?**  
Check out our [technical paper](#) on the topic to learn more.



Take your education  
technology to the  
next level



Want more details about what Jamf provides or have questions about implementing these tools in your own school? Start a free trial to jump right in.

[Request Trial](#)

Or contact your preferred reseller of Apple hardware.

