Tech: Is everything set up to work?

This checklist is handy for you and the IT folks at your school.

BANDWIDTH AND CONNECTIVITY

Check that your school's bandwidth can handle all students on Khan Academy at a given time.
We recommend ~1.5 Mbps per machine viewing standard definition video. It's unlikely all students will watch streaming videos at the same time (skills practice is significantly less bandwidth), but ~1.5Mbps per student is a very safe bet.

Confirm that wifi access points are close enough.
Ensure that all students can use wifi simultaneously. To be safe, have one router in each room that will be using Khan Academy.

PRIVACY & FILTERS

Check if your school uses filters that block YouTube.
If it does, an easy solution is to sign up for YouTube for Schools. Find out more info about this by going to www.youtube.com/schools

DEVICES & BROWSERS

Try using Khan Academy on the devices to ensure that filters and browsers are set-up properly.

Install the latest versions of browsers. Older versions do not support the latest technologies and encounter more bugs. We recommend faster browsers like Chrome, Firefox, Safari and IE10.

IT SUPPORT

Provide basic troubleshooting strategies and procedures on taking care of technology (ex. rebooting computers) and give IT contact info to teachers.

ACCOUNTS

Figure out any email issues that may relate to creating student accounts. If emails are not used, create student accounts ahead of time and record usernames and passwords.

TROUBLESHOOTING TECHNOLOGY

Tech difficulties are inevitable. The following will help you avoid the most common tech problems.

What will you do and who will you contact if…

1. Some of your students don't have school e-mail accounts already set up?

2. Some of your students don't have usernames or passwords that work?

3. The internet is very slow or not working for some/all of your students?

4. There are computers that will not turn on or work?

5. Your devices are always running out of battery?

6. Your students need earbuds / headphones to listen to videos?

START OF YEAR – LOGISTICS

As you prepare to implement Khan Academy, you'll want to think about when and were students will use the program.

SCHEDULE

Decide when and where will your students will use Khan Academy (e.g., two times per week for 45 min in the computer lab)

LAYOUT

Imagine the room where students will be using Khan Academy. What does it look like?

- Where are the outlets? Can students easily charge their devices?
- If you are using a mobile cart full of devices, where will it go?
- Where will the students sit? Will they be allowed to sit in unconventional places (such as on the floor, in a beanbag, etc.)?
- Can you easily get to each student?
- Will you section off part of the room for peer tutoring, one-on-one or group work with students, non-KA work, etc.?