GETTING STARTED WITH TECHNOLOGY

Answer the following questions to figure out what is possible with the tech resources at your school.

1. What type of technology will your students have access to?
   - ❑ Laptops
   - ❑ Ipads/tablets
   - ❑ Other:_____

2. How often do these devices need to be charged?
   - ❑ Once a day
   - ❑ Twice a day
   - ❑ All day

3. When will the devices be charged?
   - ❑ During class
   - ❑ Between classes
   - ❑ After school

4. What is the ratio of devices to students?
   1 device : _____ student(s)

5. Will you need to provide earbuds? If yes, how many?
   - ❑ Yes, I'll provide (#) _____
   - ❑ No

6. How often will students have access to tech IN MATH CLASS?
   - ❑ Little to no time
   - ❑ 1-2x per week
   - ❑ 3-4x per week
   - ❑ Every school day

7. How often will students have access to tech DURING SCHOOL BUT NOT IN MATH CLASS (e.g. computer lab)?
   - ❑ Little to no time
   - ❑ 1-2x per week
   - ❑ 3-4x per week
   - ❑ Every school day

8. What percentage of your students have access to tech AT HOME?
   - ❑ <25%
   - ❑ 25-75%
   - ❑ 75-100%

9. How can students without tech at home access tech outside of school hours if needed?
   - ❑ Community centers (e.g., libraries)
   - ❑ Open lab hours at school before/after
   - ❑ Afterschool program
   - ❑ Other:_____

What else do you need to do to prepare your class with technology?

CHECKLIST FOR IT

BANDWIDTH AND CONNECTIVITY

☐ **Check that your school's bandwidth is large enough to handle all students on Khan Academy at a given time.**
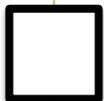We recommend ~1.5 Mbps for a single machine viewing standard definition video. Although it's not likely that all students will be streaming at the same time (others may be working on exercises), having about 1.5Mbps per student is a safe bet.

☐ **Check to see that the access points in the school are close enough to the rooms where students will be using Khan Academy**
Be sure that all students can use wifi simultaneously. To be safe, purchase extra routers and place one in each room that will be using Khan Academy.
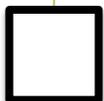
PRIVACY & FILTERS

☐ **Check to see 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
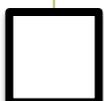
E-MAIL ACCOUNTS

☐ **If the students using Khan Academy at your school are under the age of 13, sign up for Google Apps for Education.**
This free service enables all students to use Google usernames and passwords to log in to Khan Academy. Find out more by going to www.google.com/enterprise/apps/education

SUPPORTING TEACHERS

☐ **Give teachers IT contact info**
It's likely that your teachers will encounter technical difficulties such as computers not working, not being able to access the internet, or needing to add an e-mail account for a new student. Please give teachers your contact info and the contact info of anyone else who might be helpful.

☐ **Teach your teachers simple routines**
There might be routines or procedures that tend to fix issues, such as how to reboot a router, how to force a computer to restart, etc.

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?