



2020 Bond Educational Technology
Frequently Asked Questions
September 2023

What items will be included in the 2020 Bond Educational Technology Improvement?

The three areas that the school Bond 2020 Educational Technology Improvement projects will cover will include **classroom modernization, infrastructure and security**. In addition, administrators, teachers, and students will receive a device refresh. The new laptops will be used for school and classroom assignments. Please note, each school will have its own project plan and therefore may not include all areas that are described below. For updates on each of these areas please visit the [project status and timeline](#).

Details of the classroom modernization and infrastructure work:

A new fiber optic backbone will be added to each school that will increase connectivity, speed and durability.

Wi-Fi networks will be placed in each classroom so teachers and students will no longer feel the effects of slow internet speeds. Currently, Wi-Fi is shared between classrooms and speeds can slow when more devices are added.

Wi-Fi networks will also be added to non-classroom spaces. This will allow teachers to be more mobile and creative in choosing their class spaces allowing for more optimized school space utilization.

Each classroom will be upgraded to include a wall phone, a desktop computer with a monitor station, a wall-mounted laser projector with an Airtame unit, and a 100" pull down projector screen.

An audio amplification and enhancement system will be added to classrooms so that a teacher's voice can be heard at an equal level at any place in the room. It will also come with a student engagement microphone in addition to the teacher's microphone. This technology has been demonstrated to improve academic achievement and speech perception and increased on-task behavior.

A new gym call box will be installed by the main entrance to the gym as part of the school's emergency response plan.

Details of the security work:

District-wide cyber security assessment

Regular infrastructure project updates

What is the schedule for the work?

In order to effectively administer the work across the entire district, the Classroom Technology Improvement Project is starting the work through a pilot program at four schools:

The pilot program work started in November 2021.

The pilot program will allow the project teams to apply lessons learned in those schools when the program is rolled out across the entire district. This will help ensure that future work will be accomplished in the most effective and efficient manner.

The rollout schedule criteria will center around Diversity, Equity and Inclusion. More details will be made available as the pilot program develops. To track the progress of the pilot program please consult the [project timeline](#).

How were the schools in the pilot program selected?

the classroom curriculum falls under a CTE program or High School Science or music program in which case the default computer will be a Windows computer.

In phase two of the classroom tech installation, the new wall-mounted projector with the Airtame units, a new projector screen, Lightspeed surround sound system, and the new

community engagement. In an effort to communicate effectively to all community members, the PPS website includes a translate button at the bottom of the website that enables community members to read the website

The summary also noted previous " research concluded that students who can benefit from classroom amplification, in addition to students with hearing loss, include:

- children younger than age 15
- students sitting in the back of the class, who may miss up to 30 percent of what their teacher says
- students struggling academically
- students in a noisy classroom environment
- students in a team-teaching environment
- students with a soft-spoken teacher
- learning disabled students
- and English language learners.

Will the audio amplification project create closed captions for the participants on the screens while people talk?

No,

Can I utilize my new Airtame unit that is connected to the new teaching wall's wall-mounted laser projector to stream videos? If not, could I utilize my Chromecast plug-in that I have from home?

Can I utilize my new Chrome desktop computer for Google Meet or Zoom video meetings?