



# Proof Case for a New Generation of Mobile Learning Devices

Equipping K-12 students with mobile learning devices has enabled teaching and learning to continue in remote environments as many physical schools remain closed. However, this past year many students lacked access to devices and connectivity, preventing them from achieving meaningful outcomes in both academic and social skills areas. New technologies are available now to change that reality and empower wireless learning for all. The insights from the Speak Up Research Project provide a proof case for the new Always-On, Always-Connected devices.



Data findings from the 2020 Speak Up™ Research Project

## The real world of the digital divide for students: lacking access to reliable Internet and online learning resources outside of school

**39%** of students regularly use WiFi at a fast food restaurant or coffee shop to do schoolwork

**13%** of students in grades 6-12 cannot do digital schoolwork because they lack Internet access outside of school (even when provided a school device)

### Three conditions impacting students' Internet access:

- 1 Affordability
- 2 Availability
- 3 Lack of adoption by families



### How school districts are addressing the learning digital divide today:



**44%**

Providing families with info on low cost Internet providers



**44%**

Opening up school parking lots for Internet access



**33%**

Loaning hotspots to families for home use

**18%**

Putting WiFi on school buses for community access



# Increased dependence upon mobile devices reveals new challenges for teachers and principals



**68%** of teachers have students without safe and consistent connectivity outside of school



**62%** of school principals note the Homework Gap is a real challenge for their school



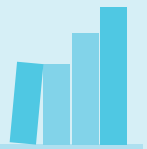
**44%** of teachers say device battery life is insufficient for classroom use



**43%** of teachers say device capacity does not support high bandwidth applications, such as videos

## Educators value mobile learning for students

Below are the top outcomes that educators believe students will gain from using current generation mobile devices for learning.



**% of teachers and principals who agree...**

- 84%** Increases access to online content and textbooks
- 81%** Develops information and media literacy skills
- 81%** Engages students in learning
- 81%** Personalizes learning
- 77%** Prepares students for college or workplace
- 78%** Improves ability to extend learning beyond classroom
- 75%** Enables self-directed learning

## Always-On, Always-Connected\* education devices empower all students to learn anywhere

- ✓ Always connected to the Internet allows for easy to use access virtually anytime, anywhere.
- ✓ Extended battery life provides power for days of usage\*\*, not hours.
- ✓ Seamless video means streaming without interruptions.
- ✓ Internal capacity easily handles high bandwidth apps and software for learning.
- ✓ Reflects features and functions that are similar to a student's favorite device, their smartphone.



Learn more about the next generation of mobile learning with Always-On, Always-Connected devices at: <https://www.qualcomm.com/products/mobile-computing/mobile-pcs>

\* Always On, Always Connected devices required network connection and compatible networks.

\*\* Battery life varies significantly based on device, settings, usage, and other factors.

This infographic is produced as a collaboration between Project Tomorrow and Qualcomm. The data statistics shared are derived from Project Tomorrow's 2020 Speak Up Research Project. Learn more about Project Tomorrow and the Speak Up Research at [www.tomorrow.org](http://www.tomorrow.org).