

## Issues with the Technological Gap

- ~ Five million households do not have high speed internet.
- ~ 70% of teachers assign assignments that involve technology.
- ~ Many teachers do not provide alternative assignments to technology and/or the teacher is unaware of students' lack of technology.
- ~ Students must find alternative means to complete assignments by going to a library, friend, or other person who has access to a computer or find answers in outdated textbooks.
- ~ Nearly fifty percent of students say that have been unable to complete a homework assignment that involves technology.

These children suffer to no fault of their own, the just do not have access to what some of their other peers have.



## References

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# The Technology Gap in Schools

## Top Benefits of Using Technology in the Classroom

Nowadays, technology plays a central role in professors' and students' lives as a way of teaching and learning.

- ~ Technology helps students improve their engagement with class materials and interaction.
- ~ It enhances students' knowledge retention and growth as they can learn at their own speed and giving them access to research.
- ~ Simplifies teamwork and collaboration as they can all work online on the same document from different locations at different times.
- ~ Professors become more successful with differentiated instruction. Static lessons can be more dynamic, and teachers can monitor students' work more closely.
- ~ With online classrooms, professors do not need to be physically present in the classroom. Instead, they can utilize synchronous communications.



## Technological Advances

- ~ Wooden Paddles in Colonial Years
- ~ Magic Lanterns in 1870
- ~ Chalkboard in 1890
- ~ Radio in the 1920s
- ~ Overhead Projector in 1930
- ~ Videotapes in 1951
- ~ Photocopier in 1959
- ~ Handheld Calculator in 1972
- ~ Scantron system of testing in 1972
- ~ Personal Computers in the 1980s
- ~ The Internet in the 1990s
- ~ PDAs in the 1990s

## Solutions

- ~ Allow students time to do their assignments that involve technology during class time.
- ~ Give more funding to schools for technological advances.
- ~ Donate technology that you are no longer using.
- ~ Join the 1 Million Project, to close the homework and technology gap.
- ~ Study Hall with training in new technologies.
- ~ Teachers can assign alternative homework and assignments, for those that do not have technologies at home.
- ~ Study Hall periods for students to work on technology enhanced assignments during school hours.

