

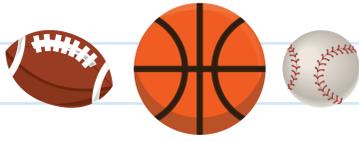
The Growth of TECHNOLOGY EXPENSES in Education



BIGGEST EXPENSES:



Real spending per pupil ranges from a low of **\$12,000** in the Phoenix area schools to a high of nearly **\$27,000** in the New York metro area.



Education leaders say they want to focus resources on the core subjects of math, reading, history, and science, but per-pupil spending tends to be much higher for **electives, extracurricular activities, and sports.**



Chicago Public Schools report spending about **\$40 million** a year on technology.



This year, **\$34 million** was invested in big data for K12, up from just **\$5 million** last year. The influx of new technical talent into education, crossing over from other industries, is promising to build the quality of tools needed in K12.



Schools in the U. S. spend a lot of money on education technology—estimated soon to be **\$56 billion dollars**—36% of which is spent in K–12 education. That's about **\$400** per student per year.



Public schools are spending **93%** more than the estimated median private school.

GROWTH OF TECHNOLOGY:



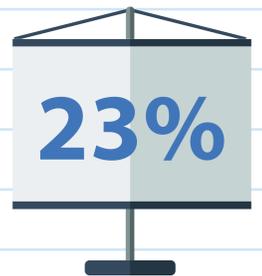
One Illinois School District provides about **2,000** computer workstations for **3,100** students, and students can login to district computers from home to continue work they started at school.



Students are taking notes on **iPads** and developing ideas for a game they would create over the course of the semester in teams.



Over the 10 year span from 1995 to 2005, the percentage of schools with Internet access rose from **8%** to **97%**.



23% of all public school teachers have an **interactive whiteboard** in their classroom and **4%** have a handheld device.

A SURVEY CONDUCTED BY THE U.S. DEPARTMENT OF EDUCATION:

In 2009, Internet access was available for **93%** of the computers located in the classroom every day.



The ratio of students to computers in the classroom every day was **5.3 to 1**.



Teachers reported that they or their students used computers in the classroom during instructional time often (**40%**).



Teachers reported that they or their students used computers in other locations in the school during instructional time often (**29%**).



In 2013, **68%** of students stated that their teacher uses technology effectively.



90% of teachers had either a laptop or PC in the classroom.



71% of teachers said that apps are beneficial for teaching.



64% of teachers used tablets for educational websites.



60% made use of educational e-books/textbooks.



THE EDUCATION CLOUD

Cloud storage saves **SPACE, MONEY, AND TIME** FOR TEACHERS, PARENTS, STUDENTS AND ADMINISTRATORS.

Through the cloud, students are able to talk, view, and interact with presentation and media content, record notes, and access the web, all at the same time, from anywhere.

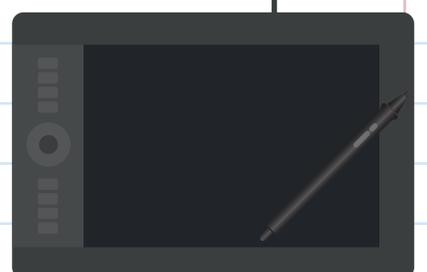
- A report by CDW Government found that over **40%** of schools use cloud applications to store their data and by 2016, schools are expected to spend **35%** of IT budgets on the cloud.

- Through K-12 cloud platforms like Edline, teachers have **better communication** with parents and students regarding assignments, tests, and projects. Parents can login from anywhere (including their phones or tablets) and instantly know how their kids are progressing.

- Cloud platforms are able to bring together data pools that were previously unconnected so that educators and administrators **HAVE EVERYTHING THEY NEED IN ONE SPOT.**

- Some peripheral benefits of cloud computing are **decreased energy costs and high security features** to ensure protection and privacy of student information.

Right now, K-12 schools report that their cloud initiatives are saving them an average of **20%** on IT costs. By 2016, those savings are expected to reach **27%**.



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