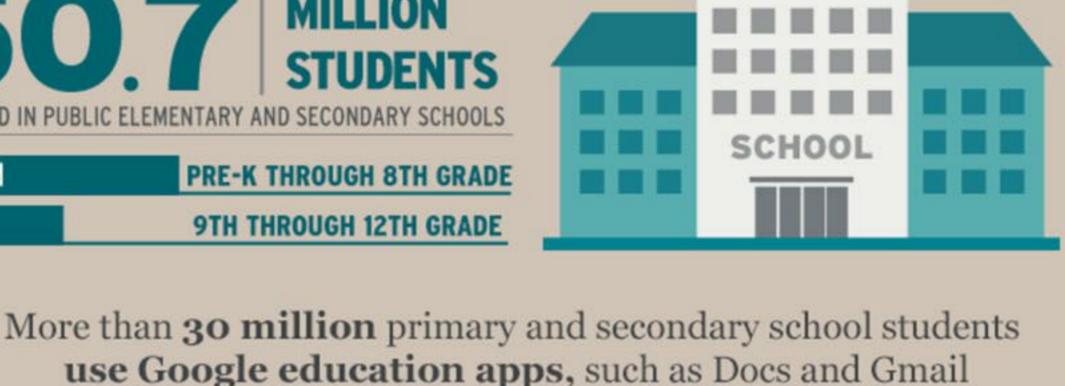
EDUCATION TECHNOLOG

It's virtually impossible to name an industry that has not been transformed by technology. Education is no exception. From Apple computers to smartphones, iPads, and virtual reality, students and teachers are welcoming the exciting educational opportunities brought by technology.

When Technology Meets Education

ENROLLED IN PUBLIC ELEMENTARY AND SECONDARY SCHOOLS 35.6 M PRE-K THROUGH 8TH GRADE 15.1 M 9TH THROUGH 12TH GRADE

IN FALL 2017



593.76 BILLION

Global ed-tech market expected growth by 2020



Google





Microsoft Windows 22%

MacOS and iOS 19% 80 60 20 40 100



of teachers believe digital learning content will completely replace printed textbooks by 2026



58%

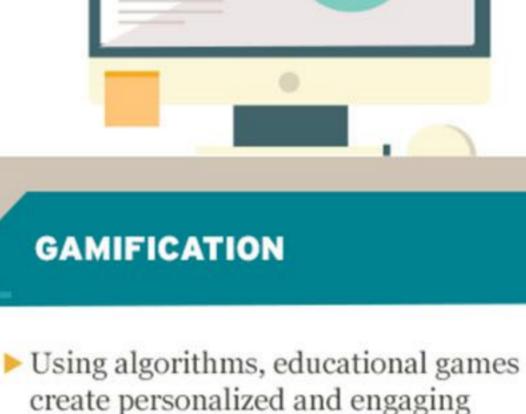
LEARNING MANAGEMENT

SYSTEM (LMS)

Today, five trends in technology are creating and improving education.

and track online training initiatives Teachers upload material that can then be accessed by students remotely

The technology is a platform to create





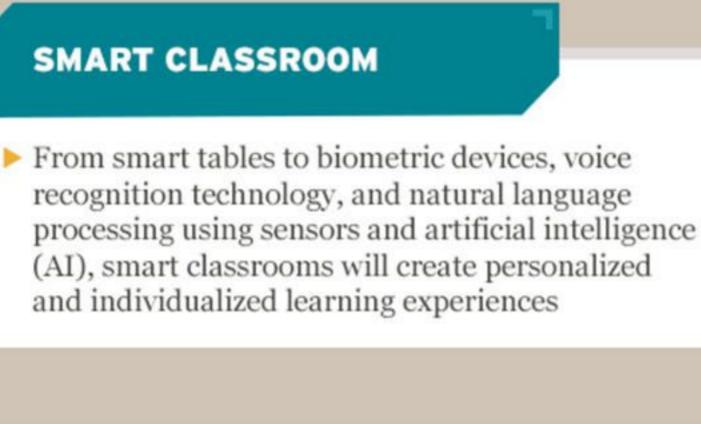
physical environment; in VR, an entirely

learning experiences

CODING AND ROBOTICS



new environment is simulated





Many schools and districts across the United States have seen the positive results of embracing technology in the classroom; Mooresville Graded School District is just one example.

Students in 3rd through 12th grade were issued a laptop TEACHERS WERE ABLE TO **RESULTS** (three years later) "tailor instruction to specific

changing habits and routines. Teachers

the potential benefits of teaching with

and school administrators need to identify

the causes of hesitation and understand

BY U.S. NEWS & WORLD REPORT

groups of students, providing

more challenging problem sets

to accelerated learners, while

simultaneously reviewing

concepts with those who

require reinforcement."

ACCORDING TO AN ARTICLE

HOW TO ADAPT AND LEAD WITH TECHNOLOGY

Embracing Technology in the Classroom

PIONEER TO ADMIRE

MOORESVILLE GRADED SCHOOL DISTRICT

INCREASED FROM

80 PERCENT TO

RECOGNIZE HESITATION TO CHANGE **IDENTIFY OPPORTUNITIES** Naturally, technology disrupts; it requires It's important to understand where and

technology.

SECURE FUNDING AND SUPPORT Purchasing tech devices and software will require a financial commitment. Schools may need to cut funding in certain areas, hold fundraising events, or ask parents to pay a fixed annual fee for their students' access to technology.

students who are struggling.

PUT THEORY IN ACTION Once the tools are in place and teachers are on board, it's time to put plans into action. Teachers will need a strong support system as they start to adapt, make changes to the curriculum, and overcome obstacles.

how the changes will be made. Teachers

goals and expectations for how technology

and school administrators need to set

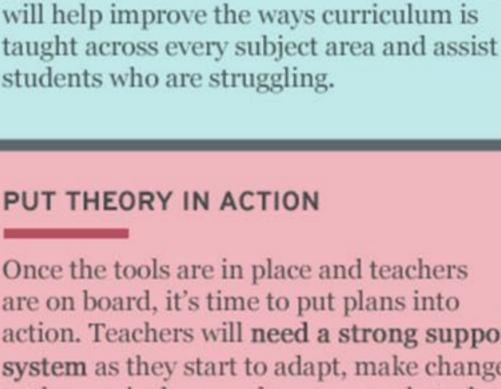


Naturally, change is faced with hesitation, uncertainty, and doubt. When it comes to children's education, it's understandable that teachers, school administrators, and parents would prefer to stick to what has worked well in the past: the traditional classroom. But the reality is the past has been transformed into our present world—one that is driven by technology. The future of education is teaching with technology.



SOURCES

www.pcmag.com/article2/0,2817,2486347.00.asp



OF STUDENTS ACROSS

GRADES AND SUBJECTS

MET THE PROFICIENCY

STANDARDS COMPARED

WITH 73 PERCENT