

Learning in the 21st Century: A National Report of Online Learning

net
day
Speak Up 2007

Julie Evans
Chief Executive Officer
Project Tomorrow
December 12, 2007



Our discussion today:

Learn about the data findings from the new report

*Learning in the 21st Century:
A National Report of Online Learning*

A collaboration with Blackboard Inc.

Stimulate new conversations about supporting teaching and learning – for students, teachers and parents

Understand how schools and districts can participate and benefit from **Speak Up 2007**





Project Tomorrow (formerly known as NetDay)

- a national education nonprofit organization

Our strengths:

- Provide **national leadership** to improve education
- **Incubate and replicate science, math and technology** that engage K-12 students
- **Leverage online tools and resources** to build local capacities
- Conduct **national research to inform and stimulate** new discussions around education topics

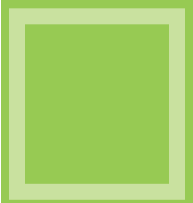


What is Speak Up?

- 
- **Annual national research project**
 - Online surveys, focus groups and interviews
 - Open for all K-12 schools
 - Schools/districts get their own data for planning and budgeting
- 
- **Collect data ↔ Stimulate conversations**
 - Students, Teachers, Parents and School Leaders
- 
- **Inform policies & programs**
 - Analysis and reporting – national reports
 - Services: custom reports, consulting with schools
- 
- **5 years of empowering authentic voices – since 2003:**
 - 795,000 K-12 students
 - 48,000 teachers
 - 15,000 parents
 - 10,000 schools – all 50 states, DC + DOD schools
- 



Speak Up 2007 is open!

- 
- Surveys available for K-12 students, teachers, parents and school leaders
 - Open until December 21, 2007
 - Surveys submitted as of 5 pm Tuesday, Dec 11



K-12 Students – 228,838



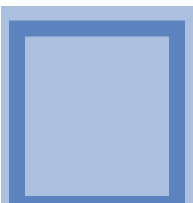
Teachers – 19,872

Parents – 15,417

School Leaders – 2,510



More on Speak Up 2007 later . . .





Speak Up for Students, Teachers & Parents 2006



2006 Participation Overview:

232,781 K-12 students, 21,272 teachers & 15,316 parents

All 50 states, DC, Canada, Mexico & American DOD schools



Top 10 states: TX, IL, CA, MD, AL, NC, FL, MA, VA, MI

Top School Districts: Chicago, Baltimore, Houston, Denver, Boston, Syracuse, Orlando, many others



School demographics*: 2800 schools

96% public schools – 4% private schools

Urban (1/3) Rural (1/3) Suburban (1/3)



% of schools that are Title 1 eligible = 41%

% of schools w/majority minority school population = 43%



** NCES Common Core of Data 2003/2004*

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Speak Up for Students, Teachers & Parents 2006

- **Last year's survey question themes:**

Learning & Teaching with Technology

21st Century Skills

Communications, Connections & Self-Expression

Online Learning

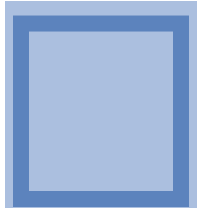
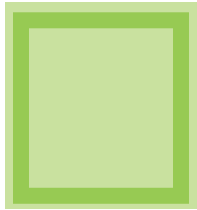
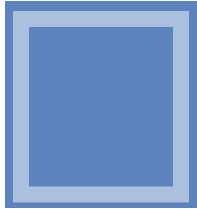
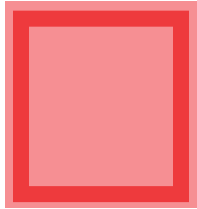
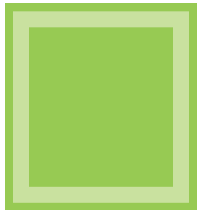
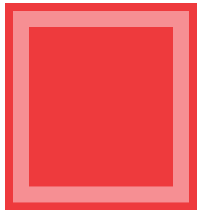
Math & Science Instruction

Global Collaborations

Competitiveness & Workforce Preparedness

Designing Schools of the Future

**What can we learn from today's learners –
and their parents and teachers?**

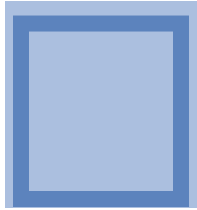
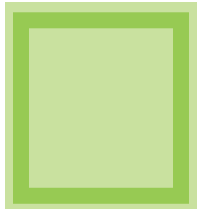
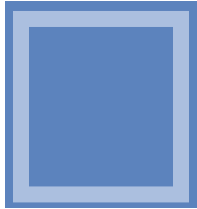
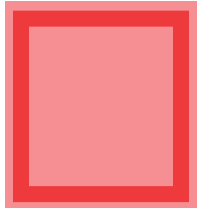
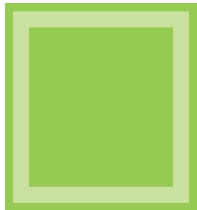
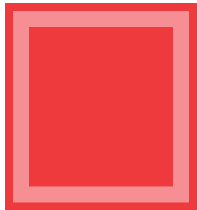


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“Technology has **changed** the way I deliver content to students and the products I expect back from students. The use of technology is more consistent with how the students interact with the world and with what will be expected of them in the future.”

High School Science Teacher
with 16+ years of teaching experience
Daviness County, Kentucky

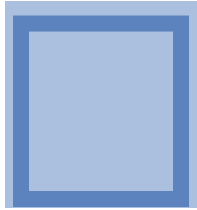
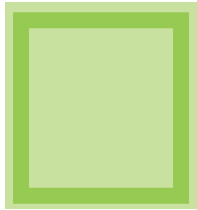
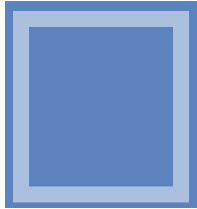
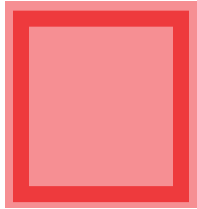
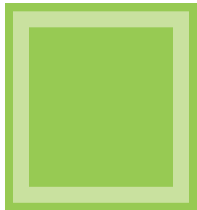
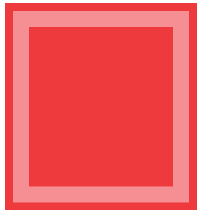


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**“Online learning changes the way
students learn.”**

**Ron Beazer
Technology Integration Specialist
Baltimore City Schools**



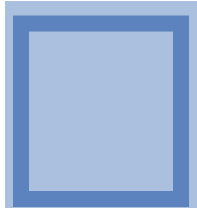
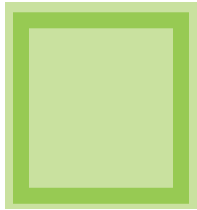
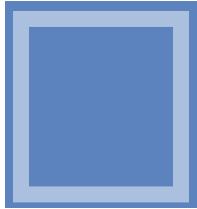
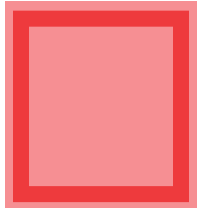
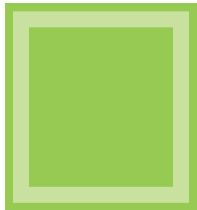
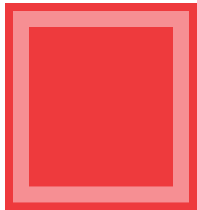
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What are student, teacher & parent views on online learning?

How is online learning being implemented?

What can be learned from real experiences?

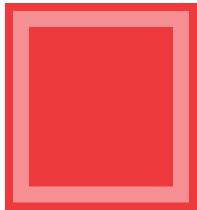


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Report Methodology:

- Speak Up 2006 data
- In-depth analysis of the online learning data
- Interviews with 6 school districts
 - Variety of online learning models



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Interviews:

Fairfax County Public Schools, Virginia

Klein Independent School District, Texas

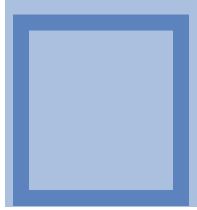
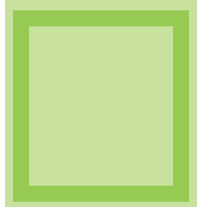
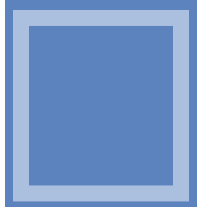
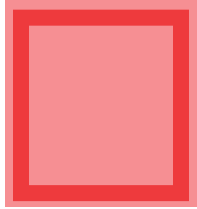
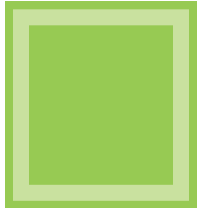
Baltimore City School District, Maryland

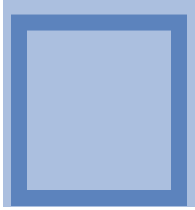
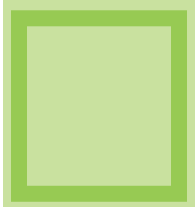
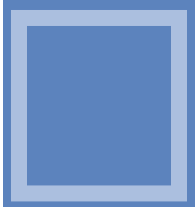
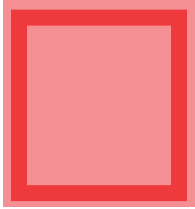
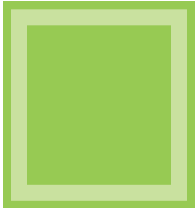
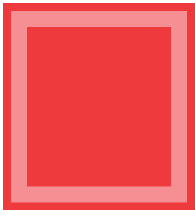
Madison City School District, Alabama

Newport-Mesa Unified School District, California

Clear Creek Independent School District, Texas

(all participated in Speak Up 2006)

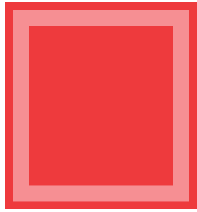




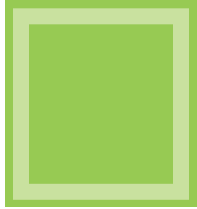
Blackboard

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Authored by Karen Greenwood Henke, Nimble Press



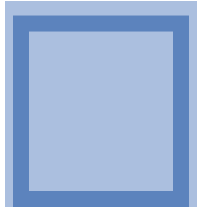
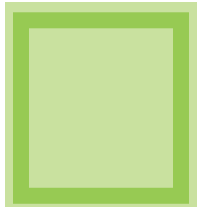
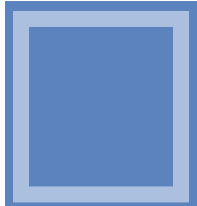
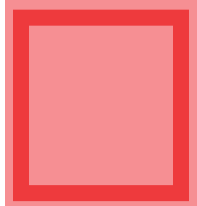
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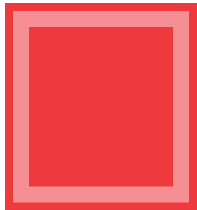


Key Findings from Students

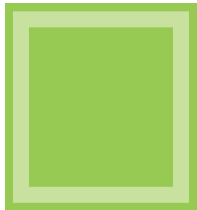
Students are using online technologies for many functions – in and out of school:

- Research
- Developing content
- Communications
- Collaborations
- Connecting with others
- Organization and self-management





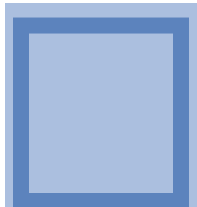
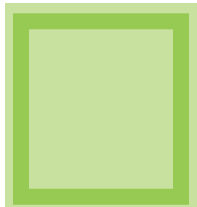
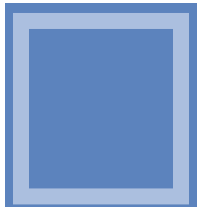
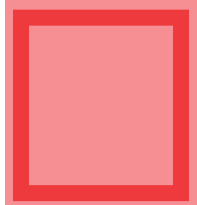
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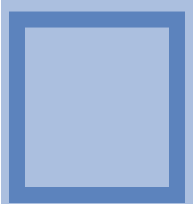
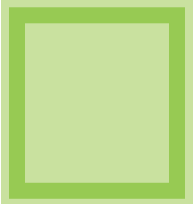
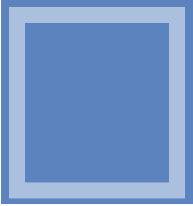
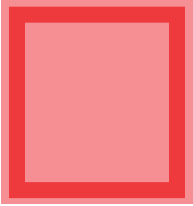
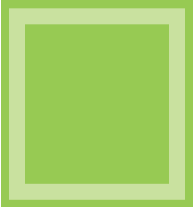
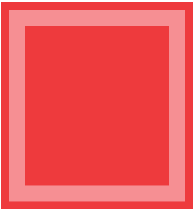


Key Findings from Students

Students are using online technologies for many functions – in and out of school:

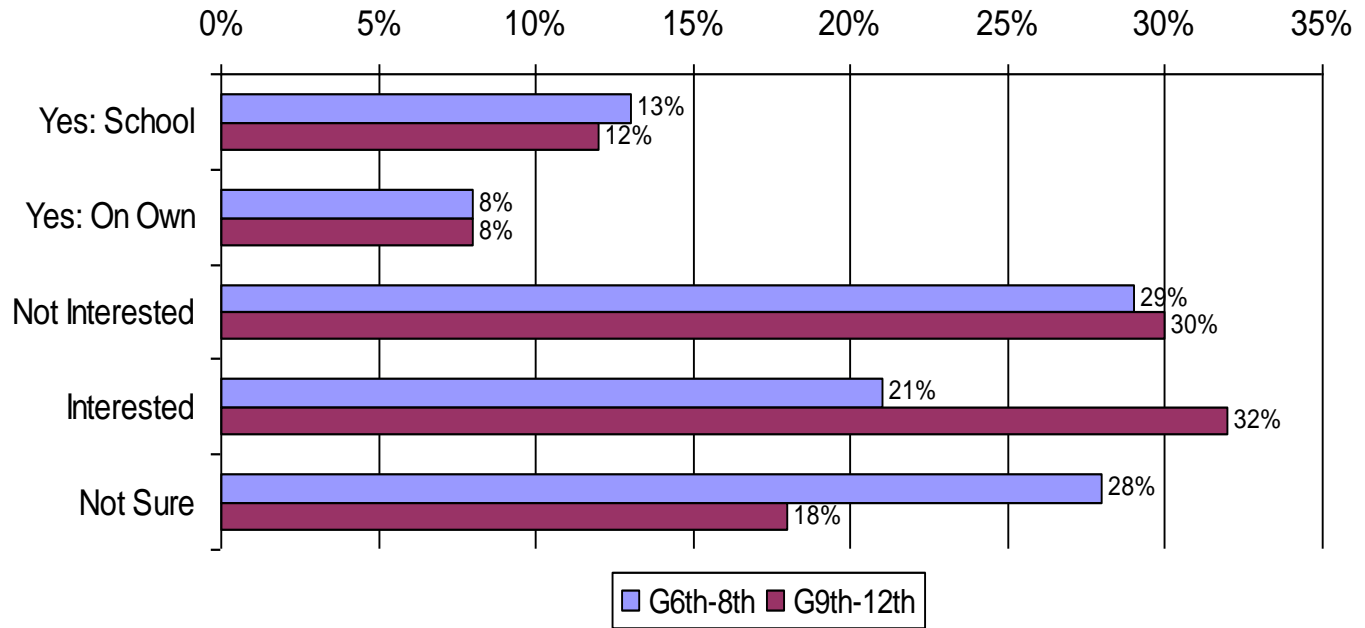
- Research
- Developing content
- Communications
- Collaborations
- Connecting with others
- Organization and self-management
- **21st Century Learning**

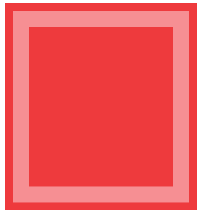




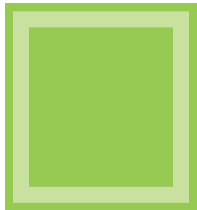
Key Findings from Students

Have you ever taken an online course or participated in a distance learning class?



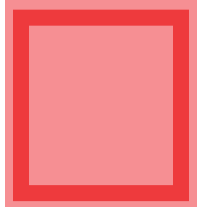


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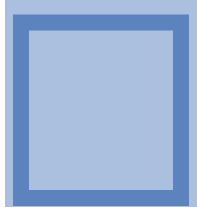
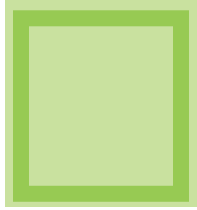
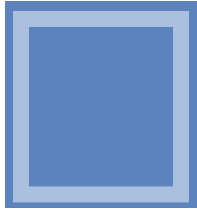


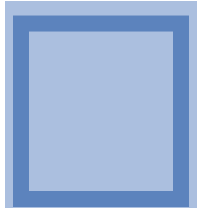
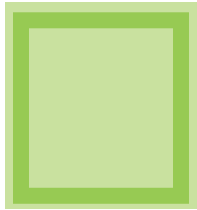
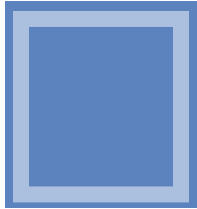
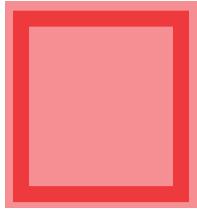
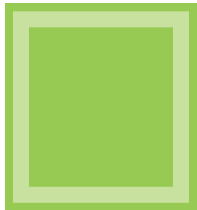
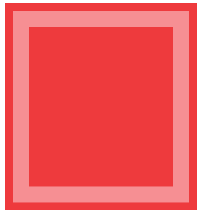
Key Findings from Students

What do you think students said was their **#1 reason** for taking an online class?



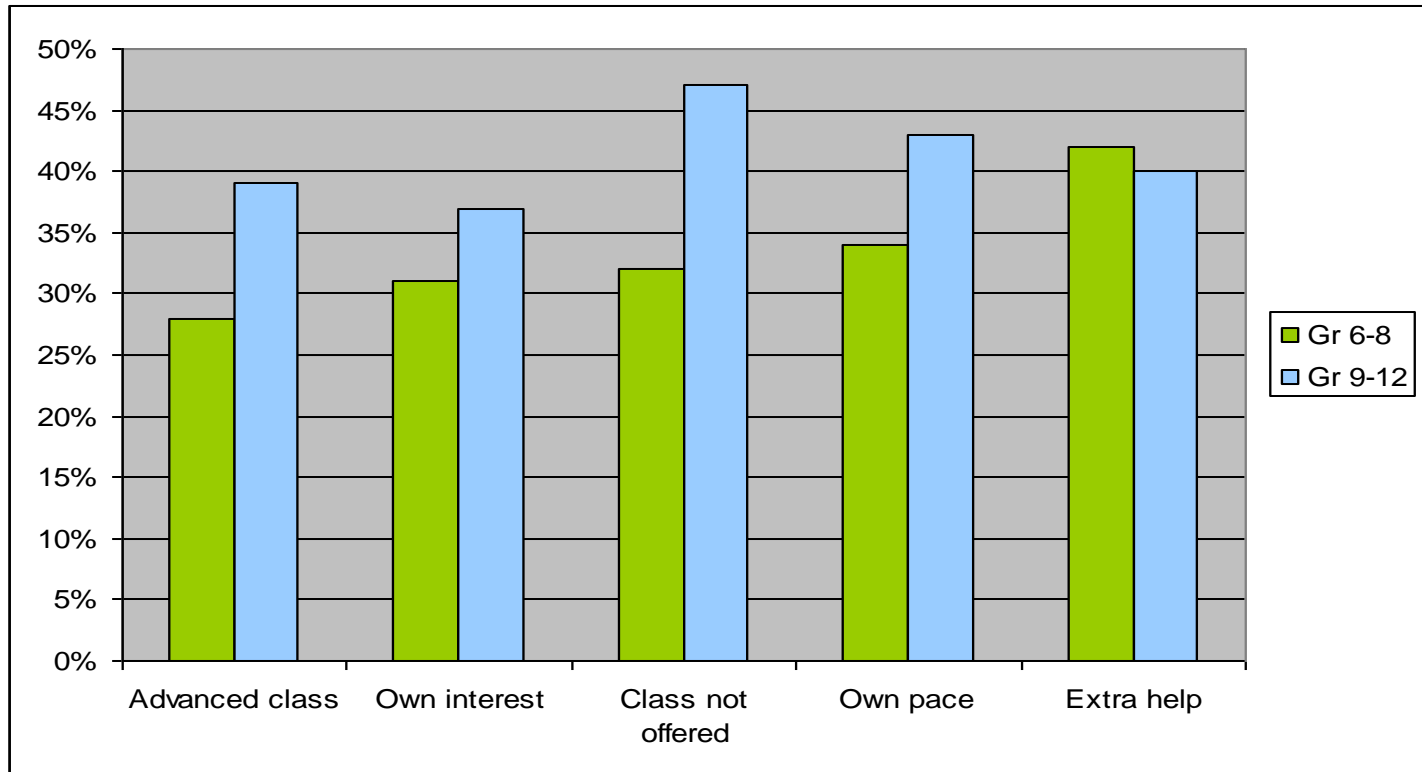
- A. To take advanced classes
- B. My own interest in the subject
- C. To take class not offered at my school
- D. To work at my own pace
- E. To get extra help in a subject

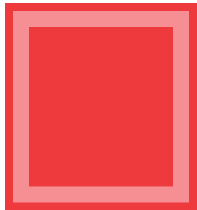




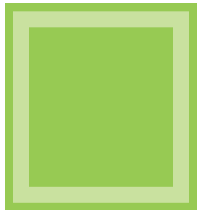
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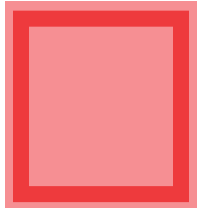


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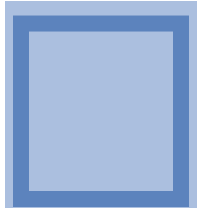
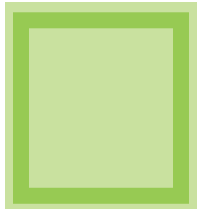
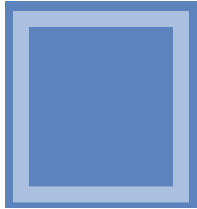


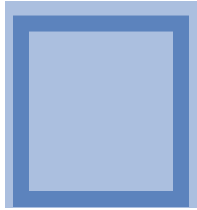
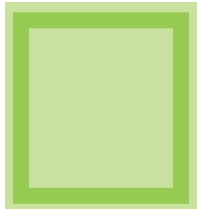
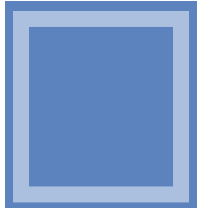
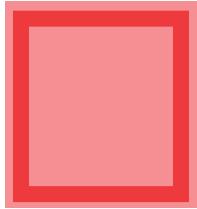
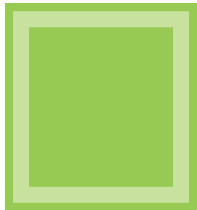
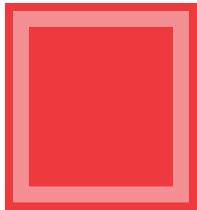
Key Findings from Students

In what subject area do you think students are most interested in taking an online class?



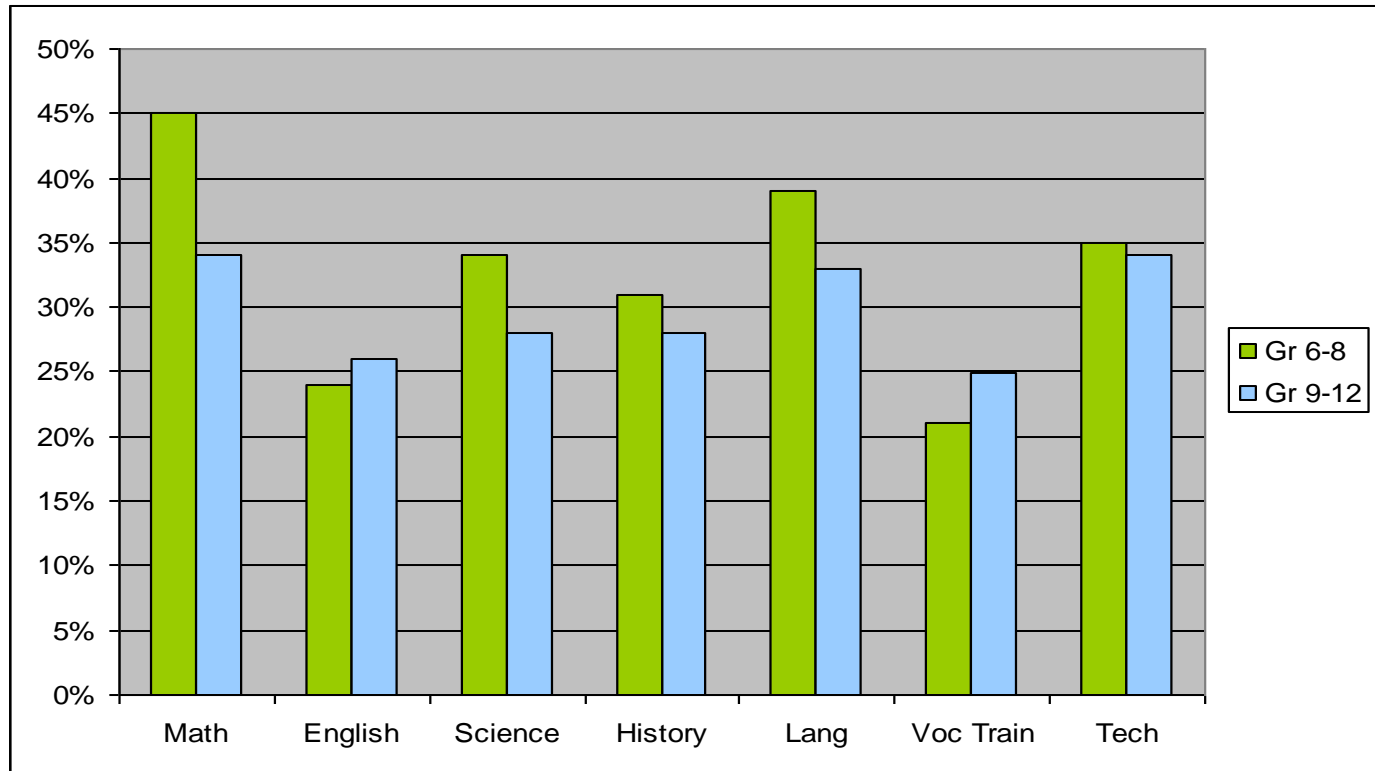
- A. Math
- B. English
- C. Science
- D. Social Studies / History
- E. Foreign Language

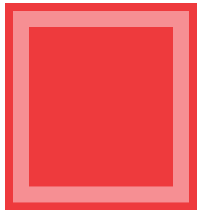




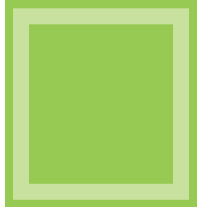
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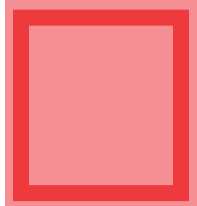




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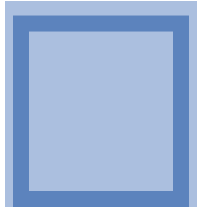
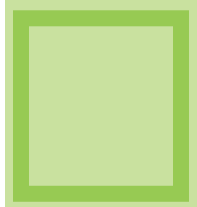
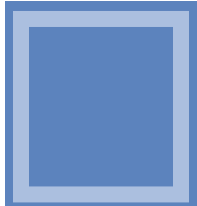
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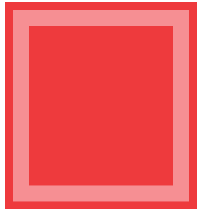


If you were the principal at your school, what is the **ONE thing** you would change about how technology is used at your school today?

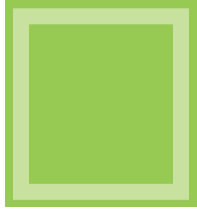
#1 response:

Allow students to use cell phones, IM and email at school

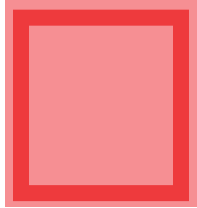




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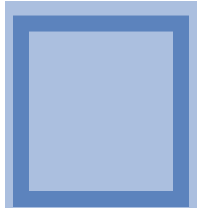
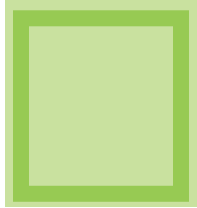
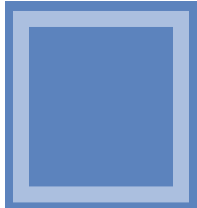


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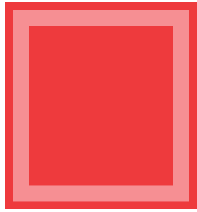
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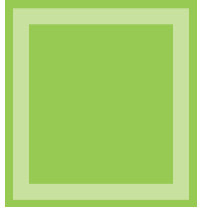
“Let students take an online class”

#1 response for:

8% of middle school students
9% of high school students

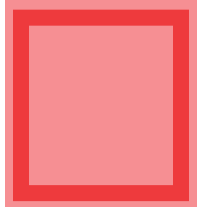


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Key Findings from Teachers:

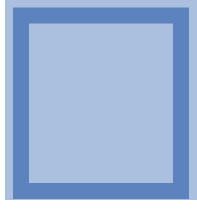
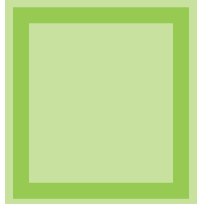
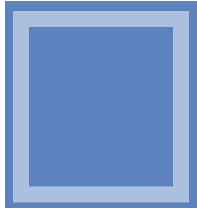
Teachers' use of technology for professional tasks:

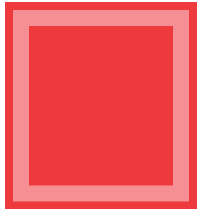


Word processing of tests, handouts etc – 77%

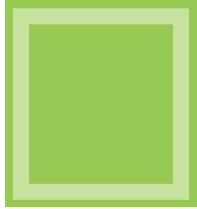
Record keeping such as grades and attendance – 68%

Research, prepare and present lessons – 63%



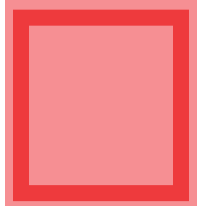


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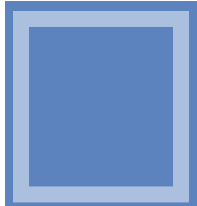
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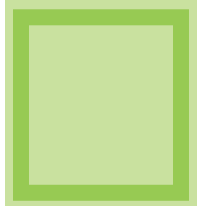
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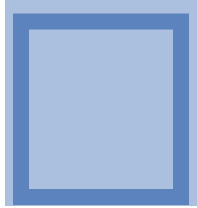
Participate in online professional development – 17%

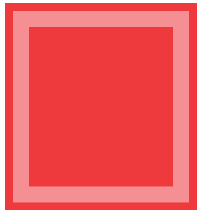
Seek peer-to-peer advice outside of school – 12%



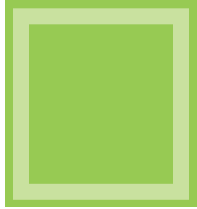
Use a school content portal – 11%

Contribute to a blog or create a podcast – 3%





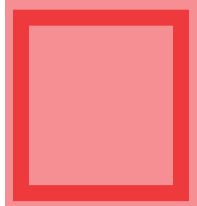
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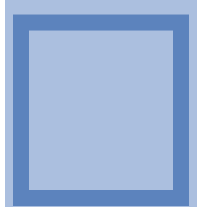
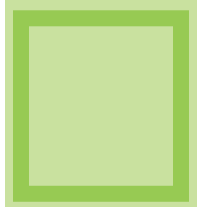
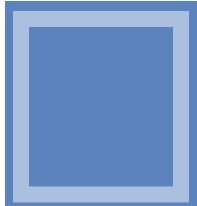
Online learning for professional development?

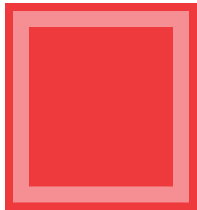
46% have taken an online class
24% would like to!



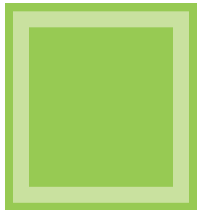
Taught an online class?

3% have taught an online class
24% would like to!

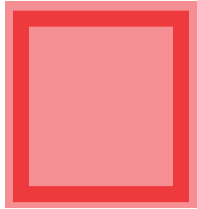




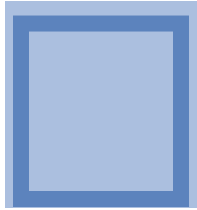
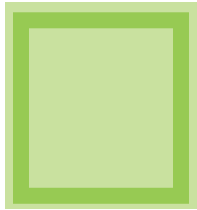
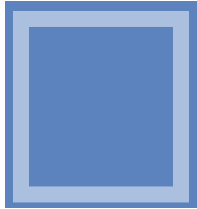
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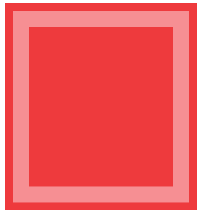


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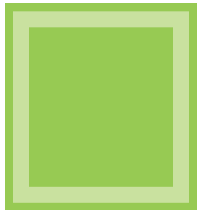


75% of teachers say that technology enhances student performance & achievement

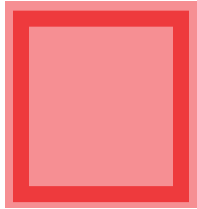




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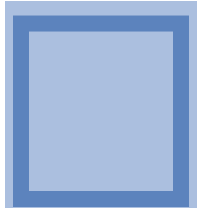
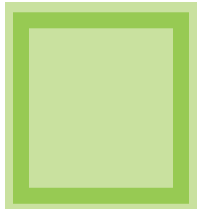
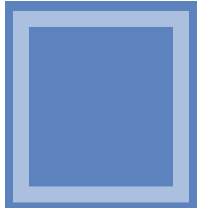


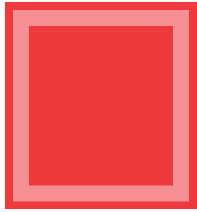
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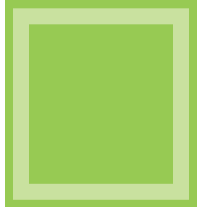
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It is all about engagement in learning!

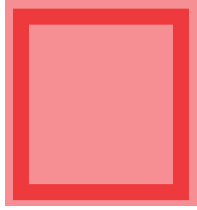




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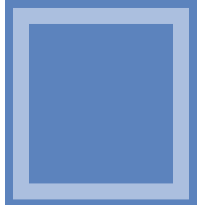


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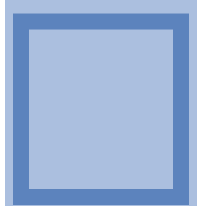
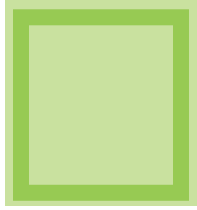
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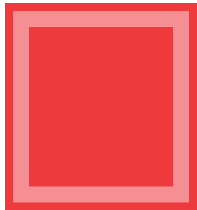
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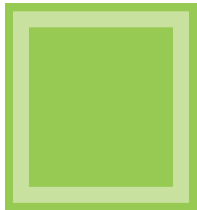
Designing a new school?

Teachers rate highly access to and time with technology.



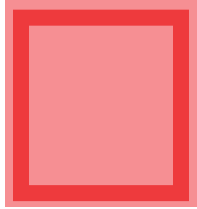


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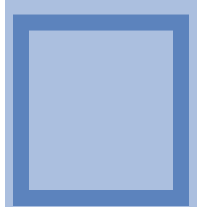
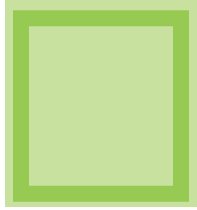
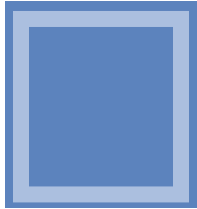


Key Findings from Teachers:

Value of online learning for their students?

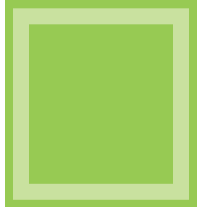


96% support students taking online classes





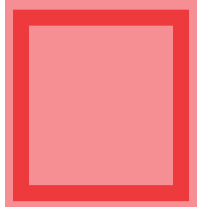
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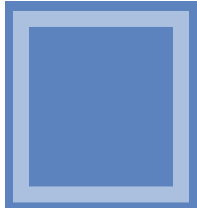
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Top reasons why:

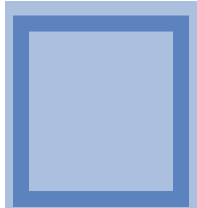
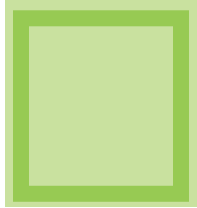


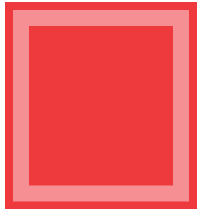
To get extra help in a subject – 57%

To take class not offered – 56%

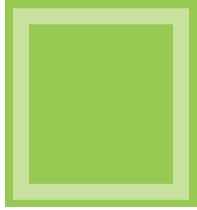
To work at own pace – 52%

To aid students who are absent – 50%



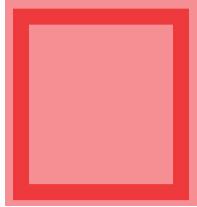


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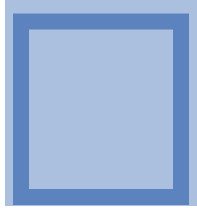
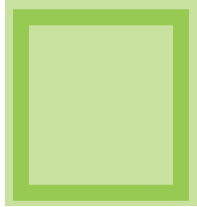
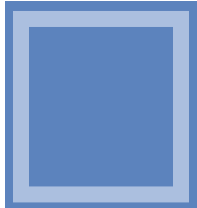
Which technology services do you think have the greatest potential to improve student success at school?

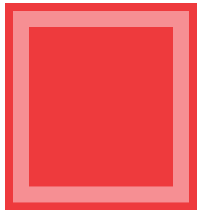


Computers in the classroom – 63%

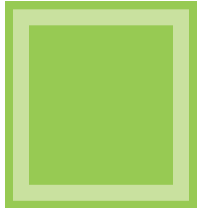
Parent – teacher communications tools – 42%

Laptops for students to use at school – 41%

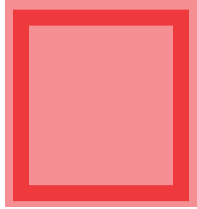




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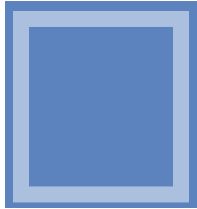


Which technology services do you think have the greatest potential to improve student success at school?

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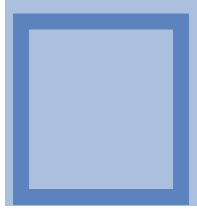
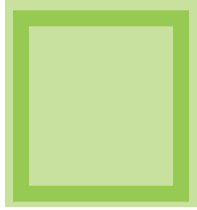
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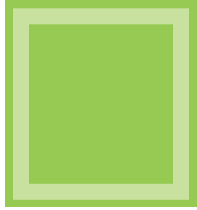
What percentage of teachers said “online classes?”

- A. 74%
- B. 51%
- C. 28%
- D. 13%
- E. 4%





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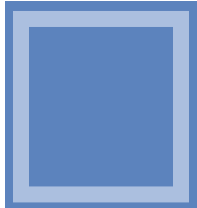
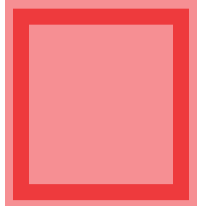
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Which technology services do you think have the greatest potential to improve student success at school?

Computers in the classroom – 63%

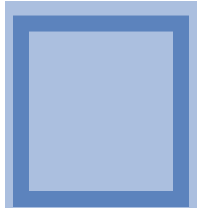
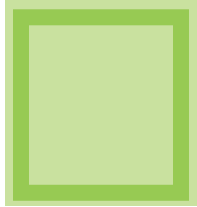
Parent – teacher communications tools – 42%

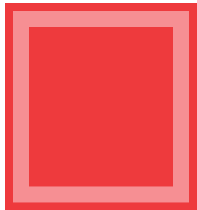
Laptops for students to use at school – 41%



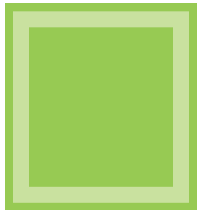
What percentage of teachers said “online classes?”

C. 28%



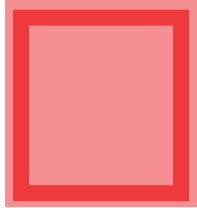


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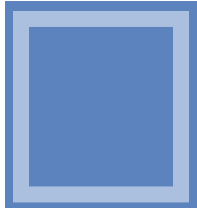


Key Findings from Parents:

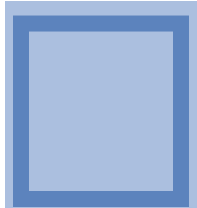
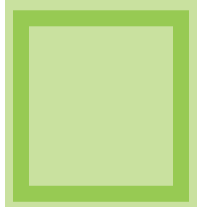
Parents are tapping into online technologies to connect with school and teachers.

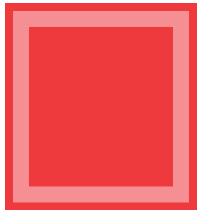


And are very supportive of online learning.

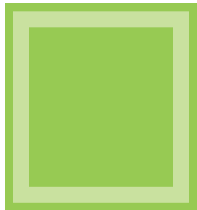


What technologies do parents think are good investments to improve student success?



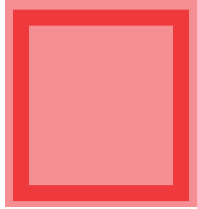


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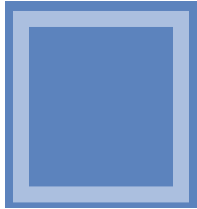
Key Findings from Parents:

What technologies do parents think are good investments?



Laptops for home/school use 25%

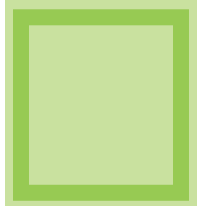
Wireless Internet access 39%



Online classes for students 42%

Teacher training 48%

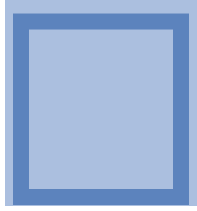
Tools to help parent-teacher communications 51%



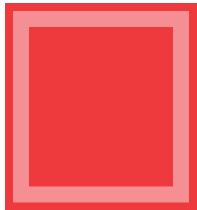
Advanced computer classes 55%

Useful school website 60%

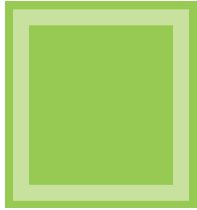
Academic software 60%



Classroom computers 61%

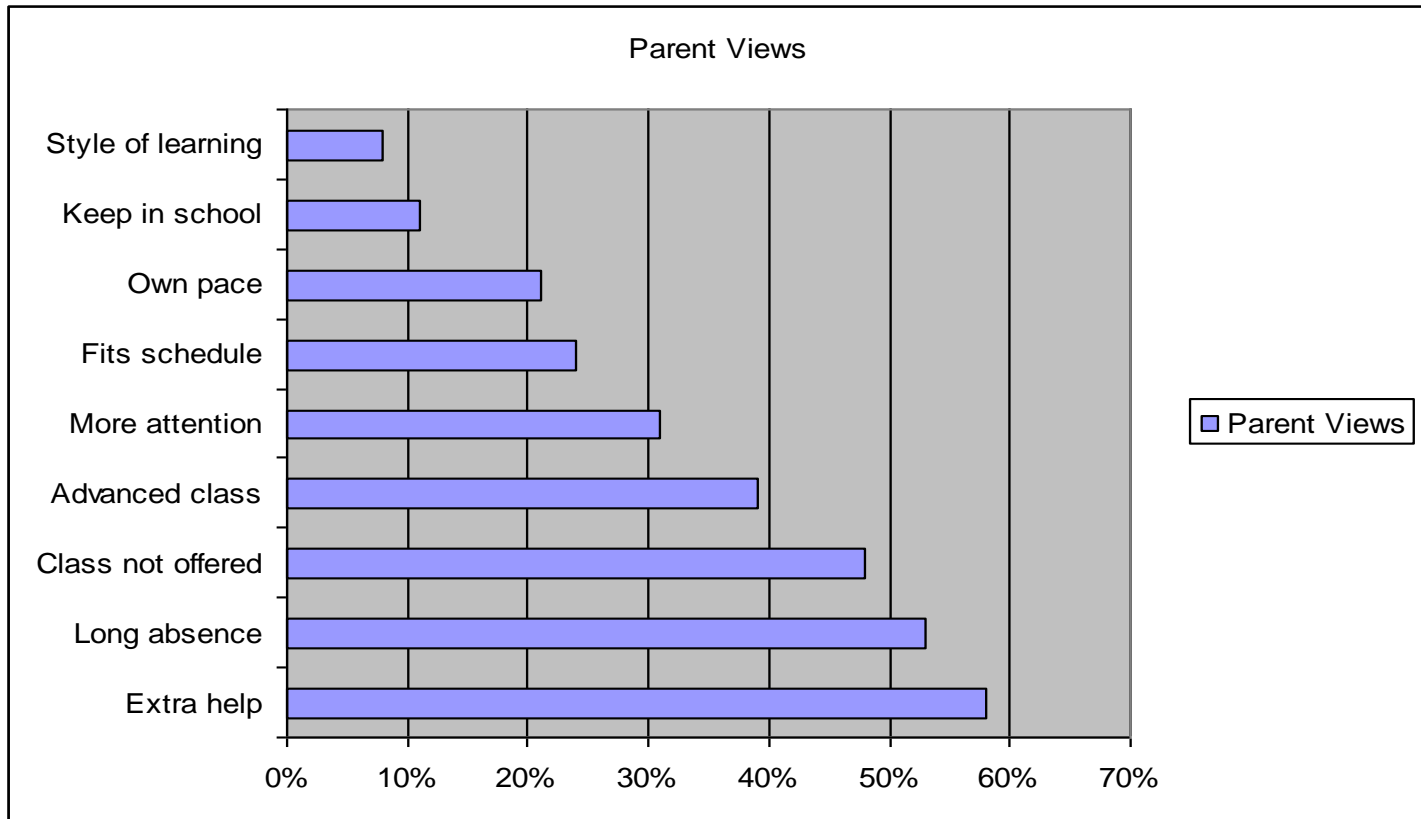
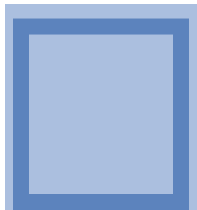
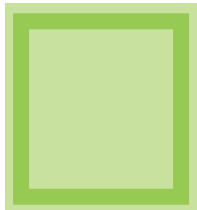
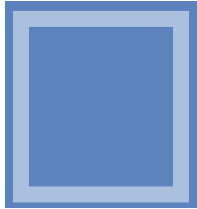
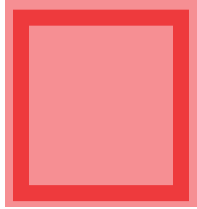


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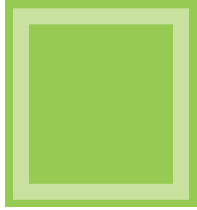
Key Findings from Parents:

Why would you want your child to take an online class?



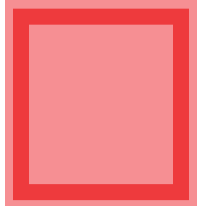


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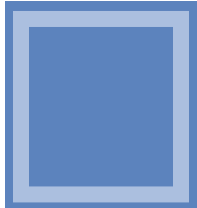


Summary

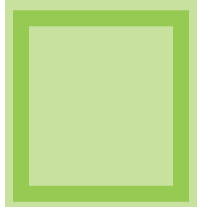
Online learning provides opportunities to:



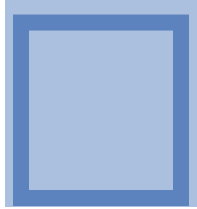
Engage Students

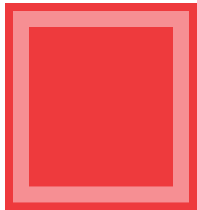


Prepare Teachers

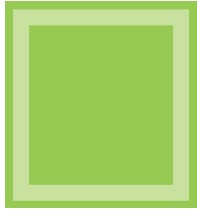


Connect with Parents



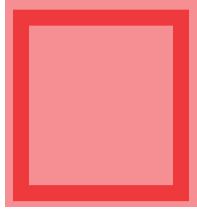


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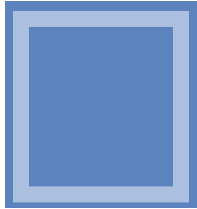


Summary

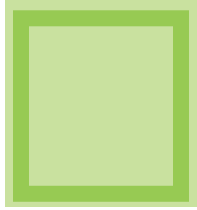
Online learning provides opportunities to:



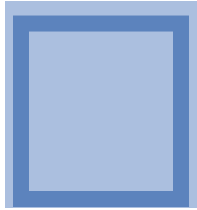
Engage Students



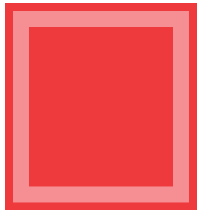
Prepare Teachers



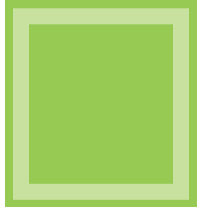
Connect with Parents



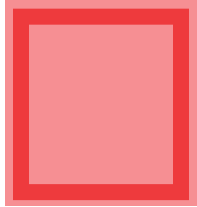
- *Creating more personalized, individualized learning environments for the 21st century*



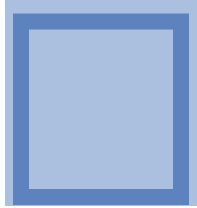
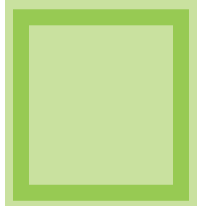
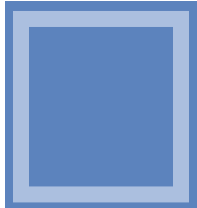
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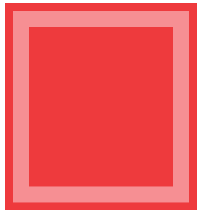


Next Steps

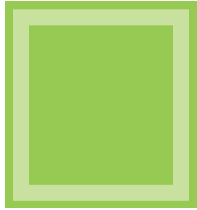


- Report is available at www.blackboard.com
- Podcast of report release at NSBA T+L available at <http://tomorrow.org/speakup/learning21Report.html>
- Continue this discussion – Speak Up Blog at <http://speakupblog.tomorrow.org/>
- Participate in Speak Up 2007
 - <http://www.tomorrow.org/speakup/index.html>
 - New questions about online learning
 - Add your voice to this discussion
 - Start your own new local discussions

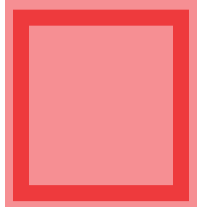




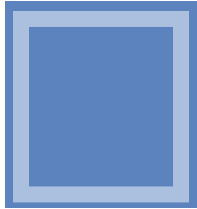
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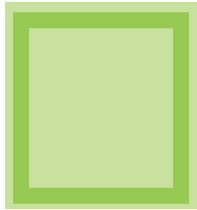
Panelists featured on the podcast:



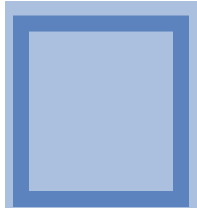
Dr. Sheryl Abshire
District Administrative Coordinator of Technology
Calcasieu Parish Public Schools, Louisiana



Shawn Morris
Coordinator, eSchool
Wichita Public Schools, Kansas



Kathy Rains
Director of Technology
Madison City Public Schools, Alabama





Speak Up 2007



Online surveys for K-12 students, teachers, parents (in English & Spanish) and school leaders

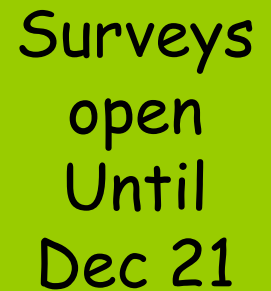


All US and Canadian K-12 schools can participate – get aggregated data back with national benchmarks



This year's survey question themes:

- 
- 
- Learning & Teaching with Technology
 - Web 2.0/3.0 in education
 - 21st Century Skills
 - Science Instruction & Global Competitiveness
 - Online Learning
 - Emerging Technologies in the Classroom
 - Designing the Ultimate School of the Future



**Surveys
open
Until
Dec 21**

Speak Up 2007



Sponsors:





Speak Up 2007



Outreach partners:



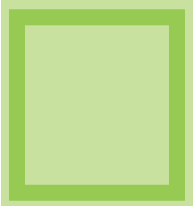
**State Education Technology Directors' Association
(SETDA)**

National School Boards Association (NSBA)



Consortium for School Networking (CoSN)

North American Council on Online Learning (NACOL)



***+ 100 other education and
business nonprofits***



Speak Up 2007



Have a **voice** in national discussions

Learn about the **ideas** of your own stakeholders

Participating schools and districts get free online access to your own quantitative data – with national benchmark data

Surveys open: **through December 21**
Data back to schools/districts: **late January**



Thank you for this opportunity
to learn from you!

*Learning in the 21st Century:
A National Report of Online Learning*

Julie Evans

Chief Executive Officer

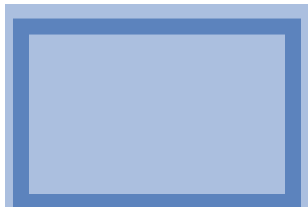
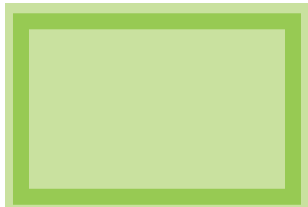
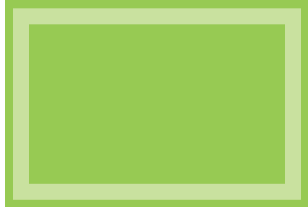
Project Tomorrow

jevans@tomorrow.org

949-609-4660 x15



North American Council for Online Learning



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