NETDAY'S 2005 SPEAK UP EVENT FOR TEACHERS AND STUDENTS

HIGHLIGHTS FROM NATIONAL FINDINGS

PARTICIPATION OVERVIEW

Geography: All 50 states, DC, Puerto Rico, Guam, and Department of Defense schools world wide

Top 10 states: TX, CA, IL, MD, PA, AZ, MO, NC, CO, MA

Major cities: Baltimore, Chicago, Denver, Houston

Total Participation: 185,000 students, 15,000 teachers, 2,082 schools

STUDENTS	TEACHERS
Grade Distribution	**Grade Assignment**
■ K-2 (11%)	■ K-5 (34%)
■ 3-5 (30%)	■ Gr. 6-8 (22%)
■ 6-8 (33%)	■ Gr. 9-12 (27%)
■ 9-12 (26%)	
	Gender distribution
Gender Distribution:	■ Female (80%)
■ Female (50%)	■ Male (20%)
■ Male (50%)	
	Age distribution
School Characteristics[*]	■ under 29 (15%)
■ Public (89%)	■ 30-39 (24%)
■ Private (11%)	■ 40-49 (27%)
■ Urban (38%)	■ 50+ (33%)
■ Suburban (35%)	
■ Rural (28%)	**Teaching Experience**
■ Title I eligible (44%)	■ 1-3 yrs (14%)
■ Majority Minority Population (36%)	■ 4-10 yrs (31%)
	■ 11-15 yrs (16%)
	■ 16+yrs (39%)

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[*] Data retrieved from NCES Common Core of Data Public Elementary/Secondary School Universe Survey: School Year 2003-04, (NCES 2006-324). U.S. Department of Education. Washington, DC: National Center for Education Statistics.

Note: The Speak Up surveys are a convenience sampling and we have not done any statistical significance testing on the data.

ORGANIZING THEMES FOR NETDAY'S 2005 SPEAK UP SURVEY

- What technology products and Internet tools are students and teachers using, and how are they using them?

- What new trends are evident in student use of technology at school and at home?

- What obstacles and issues are students and teachers facing in using technology for teaching and learning?

- How are our nation's schools encouraging science learning and innovative science practices?

- What else can our nation's schools do to encourage student achievement through technology or otherwise?

MAJOR THEMES OF NATIONAL FINDINGS

- Students are setting trends with their use of technology both in school and out of school. They are innovative users of technology, adopting new technologies to support their learning and their lifestyles.

- Communication is a key motivator for students and drives their use of technology for learning and for personal use. The result is an explosion of communications tool use and the desire to transcend communications obstacles. Sixth grade is the tipping point when students begin to show their enthusiasm for using technology for communication.

- Younger students are continuing to adopt more sophisticated technologies in the footsteps of their older siblings. Their use of devices designed for specific purposes suggest increased availability as well as increased sophistication of young students.

- Students and teachers want access to up-to-date technology tools at school and they want it to be available when they need it. Their main frustrations result from restrictions to technology use for learning tasks.

- Teachers' professional use of technology is approaching a comfort level but is not keeping up with the advances in how kids are using technology. Despite conventional wisdom, our data does not show significant differences between how younger teachers and older teachers are approaching their technology use.

- Students are strong believers in the power of technology to enrich their learning experiences. They have ideas about their futures that include using technology tools for learning and preparing themselves for a competitive job market.

HIGHLIGHTS FROM THE NATIONAL SPEAK UP 2005 DATA FINDINGS

SELECTED STUDENT HIGHLIGHTS

Tech Devices & Tools
- Cell phone is the students' favorite communications tool.
- 65% of students in grades 6-12 use email and/or instant messenger every day.
- Personal website use (like myspace.com) jumped 3X from 2004 to 2005 – by grade 12 almost 50% of students report personal website use on a weekly basis in 2005.

Tech Activities – in and out of school
- Students' #1 use of the Internet is research for assignments – but creating a slide show, movie or web page is a strong #2 this year - with special intensity for middle school students.
- Video and online gaming continues as a favorite activity outside of school. 79% play video games and say the appeal is the "winning" and the "strategy of the game."

Student Ideas about Tech Use @ School
- "What if you were designing a new school for kids just like you?" #1 tech request from students in grades K-12: laptops that every student can take home.
- Students believe that good tech skills are necessary for success in school & college and for a job.

Trends to Watch
- Almost 50% of students in grades 6-12 are positive about the value of online learning.
- On average 17% of students nationally declare an interest in a career in the tech industry but this number varies depending upon the geographic area of the country.
- Students say they want to "experience" science – field trips, simulations, real world problem-solving.

SELECTED TEACHER HIGHLIGHTS

Professional Use of Technology
- 47% of teachers believe that technology has had the greatest impact in teaching and instructional support. 74% agree that technology has made their job easier.

Impact of Tech on Student Performance
- Teachers report that students are more active learners with richer, multimedia learning experiences because of tech use in the classroom.
- #1 concern for teachers about technology and kids – "too much time on the computer and not enough physical activity." Students said, "hacking, viruses and pornography."

Teacher Ideas about Tech Use @ School
- "What if you were designing a new school for teachers just like you?" #1 tech request from teachers: fast, wireless Internet access throughout the school.

Trends to Watch
- 62% of teachers say technology is an asset to meeting NCLB standards.
- 53% say that their students are receiving 21st century quality science & math instruction.
- 25% of teachers would be interested in teaching an online class.