

PARENT SURVEY DATA RESULTS

Respondents: 813

9% of which did NOT have a computer in the home prior to this initiative
92% of those with a computer used high speed internet, 93% use a printer

46% claim their child spends 5+ hours on the computer per day
27% claim 3-4 hours per day

EDUCATIONAL USE: 73% of students use a home computer for 3 hours or more per day

Students use the computer for:

Writing Reports = 89%
Internet Research = 94%
Homework help/tutoring = 59%
Consult Encyclopedia/Library = 46%
Research College/ Career Opportunities = 47%

74% of parents responded that their children collaborate with other children outside of school on homework projects and other school activities. This collaboration takes place via instant messenger, email and telephone.

PARENT OPINION

- 93% of parents either agree (41%) or strongly agree (52%) that technology helps their children with school work. The same percentage either agrees (38%) or strongly agrees (55%) that technology helps their children learn new things.
- 82% believe that the internet is a good tool for their children while only 9% categorize it as bad. When asked about the relationship between internet technology and education 92% of parents believe successful use of the internet is **essential** to learning.
- Parents who have frequent conversations with their children about school (84%) believe that (89%) of their children are engaged in school. However 52% believe their children need improvement in their writing skills, 53% believe their children need help with their organizational skills and 92% believe their child's needs to be prepared for success in college and career endeavors.

OVERALL 96% OF RESPONDENTS ARE PLEASED THAT THE DISTRICT HAS UNDERTAKEN THIS TECHNOLOGY INITIATIVE.

STUDENT SURVEY DATA RESULTS

Respondents: 1354

THE FOLLOWING IS REPORTED BY STUDENTS AS TAKING PLACE IN SCHOOL BEFORE IPAD IMPLEMENTATION,

- 22% of respondents are NOT interested in classroom activities and 31% believe they are NOT learning skills to help them understand the world
- While 86% of students actively participate in class projects and discussions, 17% responded they often feel lost and do not understand the material.
- 22% of students claim that schoolwork is unimportant to their life and only 60% of students believe they are learning things that are happening currently in the world and community. Because of this, 31% of students often DO NOT finish their work and 58% never do more than what their assigned.
- 84% get their information from books or teachers, if they don't know something 22% would not know how to find the answer on their own.
- Many students (47%) do not connect the information learned in different classes and most (68%) have a hard time separating fact from opinion.

ORGANIZATION:

Students are not very organized

- 40% do not plan ahead
- 21% often lose their homework
- 70% of students review their notes
- 53% do not use a calendar or equivalent
- 52% admit often forgetting their assignments

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- 69% of students claim they usually work by themselves in the classroom and are usually told exactly what to do. Many students also feel they have little choice (45%) about what topics are discussed in class or (41%) how they do their work. An overwhelming number of students (81%) say their teacher does most of the talking when in the classroom.

BEFORE I HAD THE IPAD: 51% of student did not have access to an iPad and additional 30% did not use one for school

I used the internet to learn = 72%

I used computers to read and write = 71%

Computers helped me learn = 83%

Computers were better for games than school = 48%

It was easier to learn from books = 40%

Technology made me a better student = 67%

Computers helped me create things = 83%

Computers helped me understand things = 82%

Computers were better for email than work = 46%

Computers made it easier to sort information = 78%

I worked on group projects = 79%

Feedback came electronically more than not = 45%

I got up-to-date information using a computer = 80%

TEACHER SURVEY DATA RESULTS

Respondents: 215---Experience: <5years = 20%, 5-9 years = 28%, 10-20 years = 36%, >20 years 16%

TEACHERS USE TECHNOLOGY ON A DAILY BASIS FOR THE FOLLOWING TASKS:

- To create instructional materials for use in class (51%)
- Create and submit lesson plans (37%)
- Maintain records (86%)
- Communicate with other teachers (83%)

TEACHERS USE TECHNOLOGY WEEKLY FOR THE FOLLOWING TASKS:

- Access instructional materials others have created (39%)
- Create digital media presentations for the classroom (33%)

TEACHERS USE TECHNOLOGY MONTHLY FOR THE FOLLOWING TASKS:

- Access research on teaching and best practices recommended by other teachers (32%)
- Communicate with students (33%)
- To communicate with teachers beyond the school (30%)
- To communicate with parents (47%)

TEACHERS RARELY OR NEVER USE TECHNOLOGY FOR THE FOLLOWING TASKS:

- Post class schedules, assignments, and related resources for student use (30%)
- To access assignments students turn in online (49%)
- Publish student work on the web (80%)
- To take an online class (75%)

Overall (41%) Teachers feel Moderately well prepared to use technology for classroom instruction, 5% feel not prepared at all.

CLASSROOM ENVIRONMENT

Teachers Agree or Strongly Agree that:

- Students are able to manage their own learning (71%)
- They assign simple problems with clear answers to make sure they are accessible to my students (70%)
- Students tend to be engaged and on task in the classroom (96%)
- Students do most of their work collaboratively in pairs or groups (77%)
- I often let students pursue their own interests related to a broad assigned topic (54%)
- Students have access to up-to-date sources (81%)

Teachers Disagree or Strongly Disagree that:

- Their curriculum is driven by the textbook (69%)
- Students do most of their work individually (66%)
- The lecture extensively to make sure students are well informed (69%)
- That the energy level in the classroom is difficult to manage (71%)
- Often too many students need the teachers help at one time (62%)

Teachers believe that students are productive in class (89%) They DO NOT believe students easily grasp academic content (55%) However, they are able to engage students in difficult content (79%) They believe they are an instruction coach and advisor (79%) They also believe they are able to meet the individual needs of their students (88%) Teachers are able to make content relevant to their students (84%)