

Family Technology Survey Analysis

January 2020



become what's next

Family Technology Survey Overview

- Survey conducted from Oct 31 - Nov 17
- 1,995 respondents, all parents/guardians invited to respond 3x via email
- Survey segmented into Elementary, Middle School, High School
- Survey assessed
 - Technology Beliefs
 - Technology Use at School
 - Technology Use at Home
 - Training Needs



become what's next

Family Technology Survey Response Rate

	Respondents	Possible Respondents	Response %
Brookfield El	252	788	32%
Burleigh	271	1086	25%
Dixon	177	758	23%
Swanson	247	1063	23%
Tonawanda	119	533	22%
Pilgrim Park	245	1341	18%
Wisconsin Hills	214	1310	16%
Central	221	1707	13%
East	248	1769	14%



become what's next

Family Technology Survey Analysis

Three groups were asked to analyze the results and provide input on next steps:

- Family Technology Advisory Group (Dec 3)
- School and District Administrators (Dec 11)
- Teacher Technology Advisory Group (Dec 11)

District staff synthesized the analysis and prioritized recommendations and next steps.



become what's next

Technology Beliefs Summary - All Respondents

- 82% Strongly Agree or Agree that “Technology use in the classroom can enhance my child’s learning”
- 81% Strongly Agree or Agree - “My child needs to be able to adapt to new technologies to be successful in life”
- 68% Strongly Agree or Agree - “My son/daughter may become (or already is) addicted to new mobile media like smartphones, chromebooks, or tablet devices.”



become what's next

Recommendation

Continue to partner with district parent groups committed to providing resources and programming to help equip families with research and strategies to monitor and assess their child's use of education and personal technologies.



become what's next

Classroom Use - All Respondents

- Strong Agreement that technology skills (Safe & Responsible Behavior, Common Applications, Research, etc.) **should** be taught
- Smaller percentage of agreement (30%-40%), particularly at middle school, that skills are being taught and 13% - 35% 'neither agree or disagree' and 'I do not know.'



become what's next

Recommendations

- Ongoing - Continue to deploy Digital Citizenship Curriculum in Grades K-12
- By April 1, Assess progress towards digital citizenship deployment with annual student and staff Brightbytes Survey. Report survey results at the June, Teaching and Learning Committee meeting.
- By May 1, present current K-12 Digital Citizenship Curriculum for Teaching and Learning Committee and Board Discussion and Approval



become what's next

The Amount of Time Spent Using Technology at School is:

Elementary School

- Too Much (17%), Appropriate (34%), I Do Not Know (44%)

Middle School

- Too Much (34%), Appropriate (31%), I Do Not Know (31%)

High School

- Too Much (29%), Appropriate (41%), I Do Not Know (27%)



become what's next

Recommendations

- By Feb 15, conduct a time study with a sampling of Middle School Students to better understand the total time spent on devices, to include school and personal technologies
- By March 1, establish communication expectations for all K-12 teachers that regularly informs students and families about how and why technology is being used in the classroom
- By March 1, block middle school student access to youtube



become what's next

Technology Use at Home

Amount of time spent on technology at home for school work is appropriate

- Elementary - 61% (13% too much), Middle - 49% (37% too much), 59% High (26% too much)

Home Support

- 85% of all respondents felt they could support their child's use of technology at home

Use Securly to Monitor Use

- Elementary - 62% - daily/weekly/monthly, Middle - 85%, High - 75%



become what's next

Digital or Paper-Based Textbooks?

Middle School Respondents

- 17% - Digital Only, 25% Paper Only, 58% Access to Both Digital and Hard-Copy Books and Classroom Materials

High School Respondents

- 28% - Digital Only, 14% Paper Only, 58% Access to Both Digital and Hard-Copy Books and Classroom Materials



become what's next

Recommendation

Following current practice, future curricular adoptions will look to leverage digital and paper options where practical



become what's next

Elementary Classroom & Home Use Comments

- 35 comments with a positive sentiment towards tech use in the classroom
- Time - unaware of how much time, desired limits (automated, from school)
- Academic/Skills - concerns around perceived decrease in reading/writing/grammar skills and technology replacing “traditional instruction”
- Behaviors - distraction or being off-task, no limits set/enforced
- Several comments about frustrations with Securly filter and reporting tool



become what's next

Middle School – Classroom & Home Use Comments

- Time - Too much or lack of visibility/accountability for time on device, desire for greater Teacher - Parent transparency regarding how much time is appropriate
- Academics/Skills - Concerns regarding technology replacing traditional classroom instruction, loss of interpersonal skills, over-reliance on google/youtube for research, frustration with a wide variety of communication tools used to share course information
- Behaviors - Inability of students to stay on task, lack of monitoring tools, ways to bypass the filter, deceive teachers/parents, and promote off-task behavior



become what's next

High School Classroom & Home Use Comments

- Time - Comments centered on too much time dedicated to tech use and needing to find the appropriate balance and set limits
- Academics/Skills - Several comments related to tech replacing teachers/traditional instruction; Concerns around a decreased focus on soft skills and face-to-face interaction, frustration over wide variety of classroom communication tools
- Behaviors - off-task behavior, distractions of personal devices, Securly is not meeting the needs of parents



become what's next

Recommendations

- By Feb 1, conduct listening sessions with teachers and students at our high schools regarding the use of personal devices in the classroom
- By May 1, complete an Internet Filter product evaluation and selection process designed to address the needs of students, families, teachers and administrators
- By Sept 1, require all secondary teachers to use Canvas as the Communication tool for course information



become what's next

Next Steps

- Begin work immediately on the action steps described in the Recommendations
- Leverage the Family and Teacher Technology Advisory Groups to identify criteria and priorities for an Internet Filter product
- Deploy the Student/Teacher Brightbytes Survey in March
- Report progress on Recommendations and Brightbytes Survey results to Teaching and Learning Committee in June



become what's next