2025-2026 - Technology Plan Review & Device Recommendation

April 8, 2025
D97 Board of Education Meeting

Meet the Team

2024-25

Michael Arensdorff
Chief Technology Officer

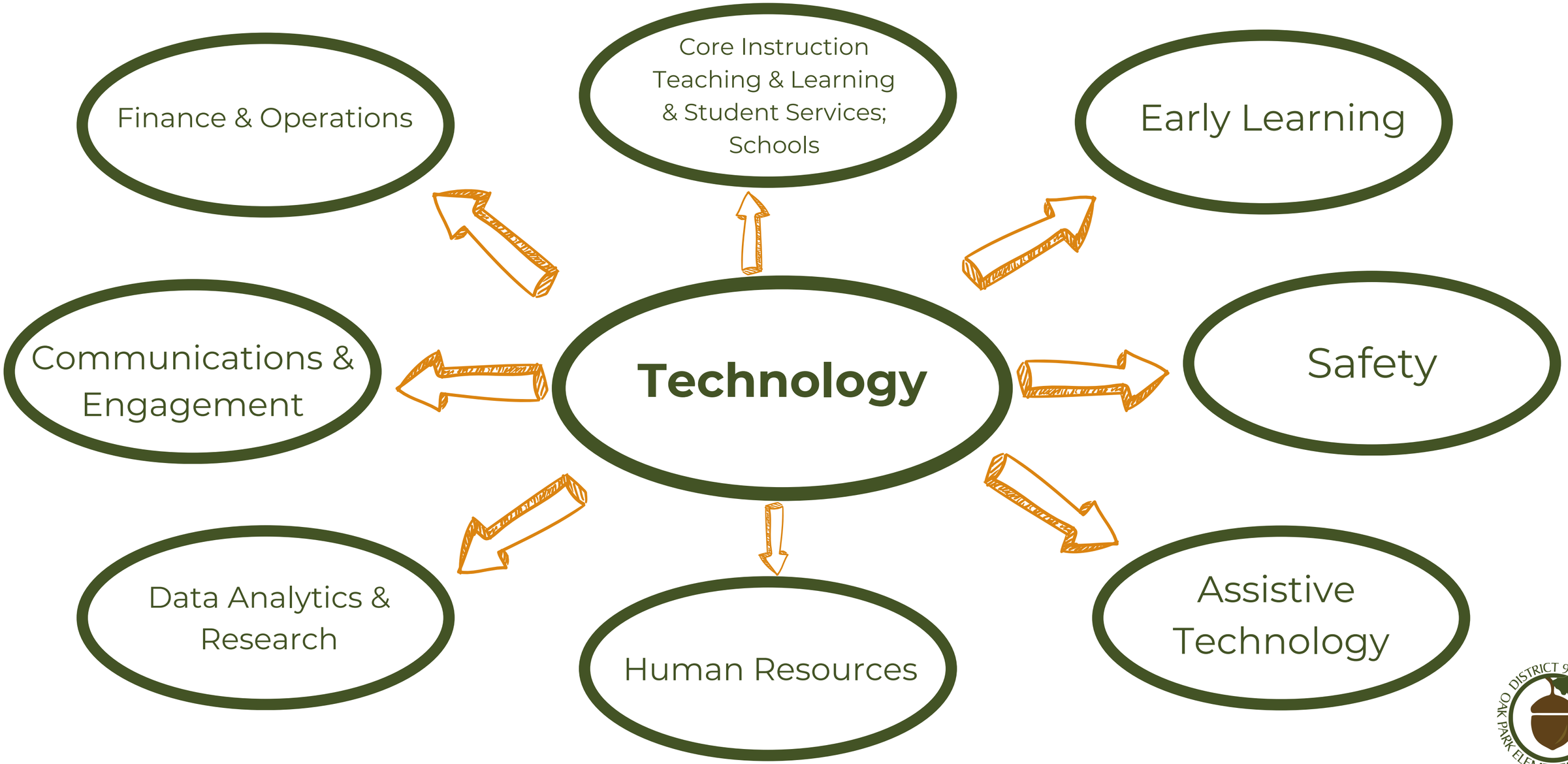
Will Brackett
Director of IT Services

Adam Tomczynski
Systems Integration Manager

Paul Duda, Chris Kostoff, Jamari Perkins, Bryan Hernandez, Tiphany Reed, Karol Marcinowski
Technology Specialists

Educational Technology: Access, Innovate and Support for All

D97's Technology Work is Cross-Functional!



Tonight's Presentation

April 8, 2025

01 OUR TECHNOLOGY STORY

02 REFRESH PROCESS UPDATES & RECOMMENDATIONS

03 NEXT STEPS

2024-25 District 97 Transformation Goals

We Learn, Lead and Celebrate Together

Our District Culture
ALL Employee Professional Learning

We Design for ALL

Elementary Core Instruction Foundations
Middle School Redesign

We Align Resources

Master Facilities Plan
Comprehensive Safety Plan

We Learn Everywhere

Portrait of an Oak Park 8th Grade Graduate
Early Childhood Education

Our Technology Journey & Why

What is the Tech Plan?

Our Technology Plan remains agile and continues to evolve, ensuring alignment with District 97's vision and strategic priorities.

Today's recommendations build on the foundation established in our previous technology vision planning sessions. Moving forward, they will be intentionally designed to foster deeper connections and strategic direction, particularly through the Portrait of an 8th Grade Graduate framework—specifically emphasizing the Digital Navigator dimension.

Tech Plan Development

Audit of Specifications

FOCUS

Audit/review current needs of curriculum, assessment, future goals/vision to inform an request for proposal (RFP); review previous tech plans

OUTCOME

Development of an RFP, stakeholder survey, and focus groups

Cross-Department Partnership

FOCUS

Ensuring the resources and tools support our current instructional practices and curriculum/assessments

OUTCOME

Pilot Support - ELA, Math, Social Science
Assessments - MAP, IAR, ISA, DLM

Stakeholder Outreach

FOCUS

Gather feedback from students, staff, and families through multiple avenues

OUTCOME

403 survey responses
16 focus groups held

Alignment with Portrait Advisory (Future Work)

FOCUS

Ensure ongoing alignment of technology plan work with the Portrait dimensions through the Portrait Youth Advisory Council

OUTCOME

Future 3 year technology plans driven by the Portrait vision work

2024-25 | 2025-26

Designing: Cross-Department Collaboration

Core Instruction

K-5 ELA Pilot

Pilot K-5 ELA resources ***3/21/25***

- SAVVAS myView/miVision
- HMH Into Reading/Arriba la Lectura
- Amplify CKLA/Caminos

ELA Pilot Closeout Meeting ***4/1/25***

Conduct ELA Pilot Virtual Family Listening Session ***4/3/25***

Identify a resource to recommend for adoption (K-5 ELA Curriculum Committee) ***4/10/25***

Present recommendation to the Board of Education ***4/22/25***

Board of Education approval of adoption ***5/13/25***

K-5 Math Resource Review

Conduct Vendor Presentations of K-5 mathematics resources ***3/20/25***

- SAVVAS Experience Math
- HMH Into Math
- Imagine Learning Math
- Math Learning Center Bridges Math
- McGraw-Hill Everyday Math
- Amplify Desmos Math

Utilize evaluation tool to identify two resources to pilot during SY25-26 (Math Curriculum Committee) ***4/15/25***

Provide Memorandum to the Board of Education ***5/9/25***

6-8 Social Science Pilot

Pilot 6-8 social science resources ***5/16/25***

- HMH Social Studies
- Discovery Education

Gather and analyze data: pre/post assessment and survey (teacher, student, and family) ***5/19/25***

Identify a resource to recommend for adoption (6-8 Social Science Department) ***5/21/25***

Present recommendation to the Board of Education ***5/27/25***

Board of Education approval of adoption ***6/10/25***

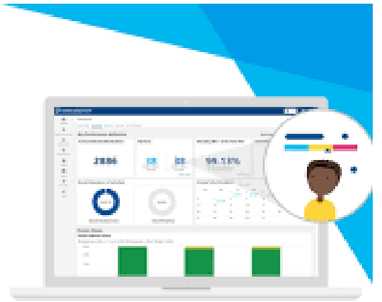
Assessment & Analytics

nwea map®

ILLINOIS Assessment of Readiness

PowerSchool

Unified Insights™
Student



ILLINOIS SCIENCE ASSESSMENT

DYNAMIC® LEARNING MAPS

WIDA™
ACCESS for ELLs

MASTERY CONNECT

aimsweb® PLUS

KIDS
Kindergarten Individual Development Survey
Illinois State Board of Education

Accessibility and Accommodations

Subscription	Users	Impact for Students All Tools Support UDL Principles
Read & Write Toolbar	Middle Schools	Enhanced reading comprehension, writing and spelling support, and increased independence and engagement.
Snap & Read Universal	All schools	Improved reading comprehension, translation, and vocabulary support.
Co-Writer Universal	All schools	Increased writing independence, improved spelling and vocabulary.
OrbitNote	Middle Schools	Improved reading accessibility, independence, and comprehension.
Equatio (free version)	Middle Schools	Transforms the way students interact with and express math, and increases independence.

Current Landscape

Current Landscape Considerations

- Projecting organizational budgets & projects
- Roadmaps of vendors - i.e. release of new iPad generation
- Planning ahead for tariffs (April 25)
- Future of eRate
- Other revenue, grant and/or operational savings

Savings, Revenue, Grants - Last 5 Yrs.

<u>One-Time Grants</u>

- ECF Grant - 2-8, Teachers & Teacher Assistant - (2021) $1,248,687.04
- K-1 Device Grant (2020) - $430,170
- Grant for AV & Electrical (2024) - $218,000

<u>E-Rate - Annual Reimbursements</u> - Applied as needed

- E-Rate ($442,511.87 - 4 years)
  - 2021-2022 - $6,480 (internet)
  - 2022-2023 - $27,699.20 (switches, internet)
  - 2023-2024 - $6,480 (Internet)
  - 2024-2025 - $395,372.67 (wireless project), $6,480 Admin Internet

<u>Ongoing Savings</u>

- Fiber savings (2019-2039 - option for 20 additional yrs) - $145,940 annually
- DoIT Savings (2020) - $60,000 annually
  - DoIT - Brooks - (2023-2024) - $12,000 annually (5 years)

$3,539,008 *(since 2019-20)*

Stakeholder Outreach

MS Student Device & Case Feedback

Focus Groups with Students, Teachers and Teacher Assistants

As part of our work, we conducted 16 focus groups with students in 3rd-8th grade, teachers, and teacher assistant leadership in Jan/Feb 2025 to learn more about their experiences in District 97.

What We Heard

1. **Enjoy leveraging the device to show their learning**
   Google apps, learning management apps, Epic, iMovie, Zearn,
2. **Keyboard Case is a hit!**
   Elementary students like the keyboard case with the trackpad.
3. **Upgrade Specifications For Chromebooks**
   Students identified a better battery life, better cameras, a faster processor, better wifi connectivity, cases for Chromebooks, like the portability
4. **Use in All Subjects**
   Students expressed that they use the devices in math, ELA, science, social studies (social science) and specials/electives
5. **Mixed Feedback of Home Use**
   Students and staff mixed feedback on device usage at home; younger grades less consistent use for educational purposes

Alignment with UDL

"iPads are great - they allow us to be creative with apps and organization."

-Elementary Student

"I can differentiate assignments for students. Students can access learning at different levels and in different languages."

-D97 Teacher

Anecdotal Feedback From Survey

Strengths

- Balance of device usage and hands-on activities
- Safe YouTube and Google Safe Search
- Access to accessibility tools
- Kids enjoy the ability to create with devices
- Students and teachers collaborate online with one another - gradually, more in each grade
- Similar devices for Teacher Assistants as students they support
- Access to devices and Internet for all students & families

Areas of Opportunities

- Keyboard cases are progressively getting worse
- Inconsistent, overuse of YouTube - need more control for families
- Devices can be distracting
- Need more support in transition from 5th to 6th with iPads to Chromebooks
- Need more consistent usage of Learning Management Tools
- Filtering is an ongoing issue - Parent Portal Quality
- Balance of devices not going home every day at younger grades
- K-1 iPads are old and becoming more of an issue for functionality

Recommendations (including budget)

Budget Overview

Budget

	Quantity	Cost Per Unit	Total Cost	4 Year Lease Cost
Chromebooks (MS students & TAs)	2200	$283	$622,600	est. $226,846
Chromebook Accidental Damage	2200 - Chromebooks	$94	$206,800	Included in Chromebook lease
White glove services	2200 - Chromebooks	$7	$15,400	Included in Chromebook lease
iPads (PreK - shared K-5 students, Teachers & TAs - 1:1)	4600	$324	$1,490,400	$464,431.25 *0% interest*
Logitech Cases 2nd-5th Students, Teachers & TAs	3500	$104.95	$367,325	Included with iPads Lease
PreK-1 Cases (PreK - limited/shared)	1100	$40	$44,000	Purchased with technology budget

Budget Overview

2025-2026 - Total Tech Plan Budget

	Budget Recommendation
Chromebooks, iPads (& any services - ADP, white glove)	est. $687,992.75
Additional Cases (preK-1) - ***one time cost***	$44,000
Internet For All	$15,000
Professional Development	$10,000
Innovation - Research & Development	$10,000
Total Cost	$766,992.75

***We will sell the old devices and conservatively believe we will be able to receive approx. $250,000 in revenue to offset this total. Total impact expected is about $500,000.

Budget Overview

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2026-2027 - Total Tech Plan Budget

	Budget Recommendation
Chromebooks, iPads	est. $687,992.75
Internet For All	$15,000
Professional Development	$10,000
Innovation - Research & Development	$10,000
Total Cost	$722,992.75

Budget Overview

2027-2028 - Total Tech Plan Budget

	Budget Recommendation
Chromebooks, iPads	est. $687,992.75
Internet For All	$15,000
Professional Development	$10,000
Innovation - Research & Development	$10,000
Total Cost	$722,992.75

***Teacher Macbooks and Classroom Apple TVs will be due for refresh this year. Similar to the first year of the iPads and chromebooks we will expect revenue back for the Macbooks and Apple TVs to offset part of the first year lease. We estimate the lease to be about **$170,000 for 4** years.

Budget Overview

2028-2029 - Total Tech Plan Budget

	Budget Recommendation
Teacher Macbooks & Apple TVs (Lease TBD)	est. $170,000
Chromebooks, iPads	est. $687,992.75
Internet For All	$15,000
Professional Development	$10,000
Innovation - Research & Development	$10,000
Estimate Total Cost	*$892,992.75*

***Teacher Macbooks and Classroom Apple TVs will be due for refresh this year

Next Steps

What's Next

Seeking Board Approval:
April 22, 2025

- Finalize contracts/leasing agreements
- Develop implementation plan

2025-2026 - Next Steps

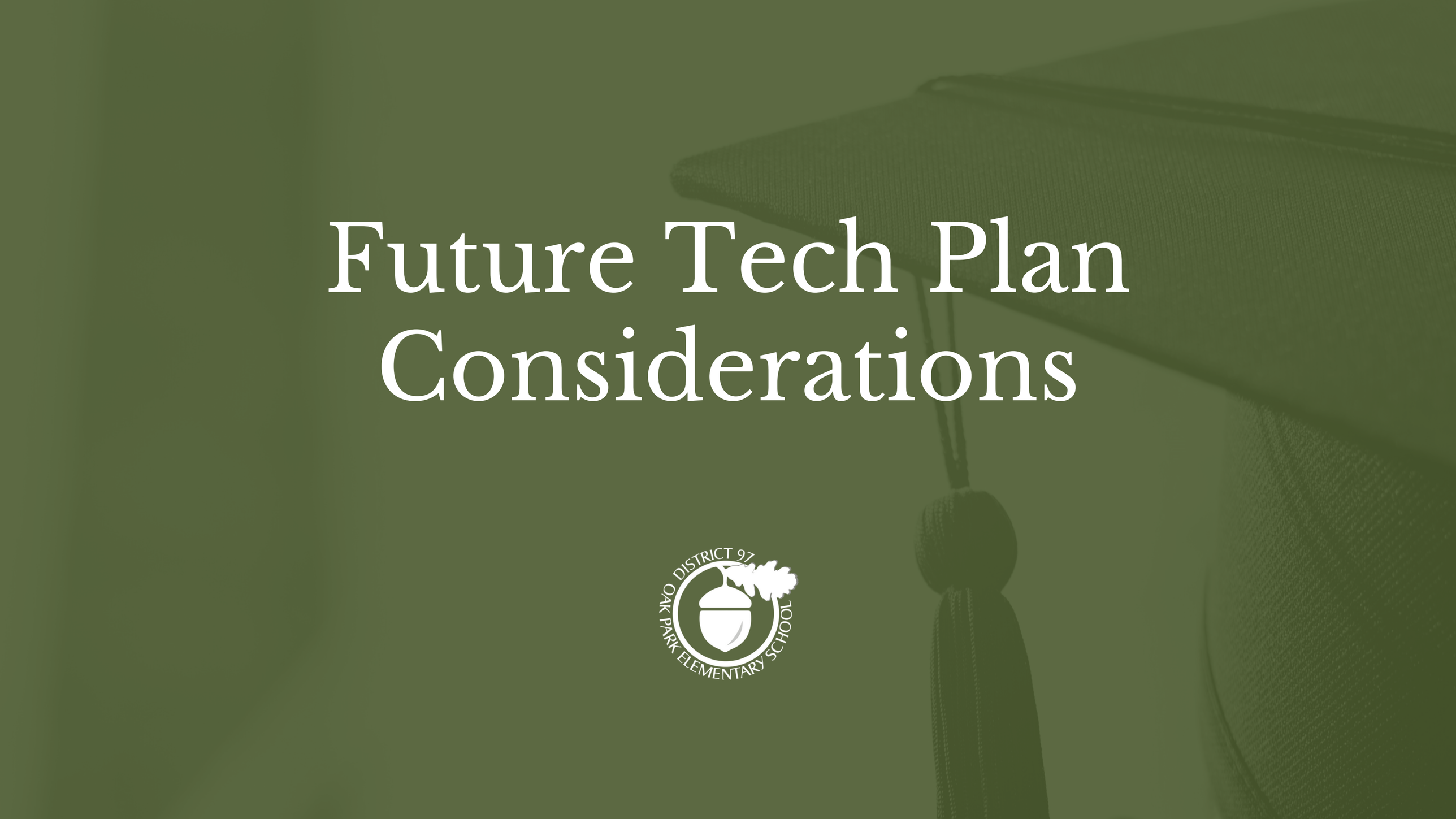
- Family Educational Technology Resources/Sessions
- Ongoing collaboration with staff around AI practices, vision and planning
- New Filtering Solution
- Engagement with Portrait Advisory
- Review/update K-2 charging capacity

DISCUSSION

Questions

Appendix

Future Tech Plan Considerations



Future Tech Plan Projects/Considerations

- Unified Communication/VoiceOverIP System Refresh/Upgrade - 2025 (*operating budget*)
- Copiers/Printshop - 2026 (*operating budget*)
- Classroom Projectors - 2026, 2027, 2028 (*operating/tech plan budget*)
- Teacher Macbook Refresh - 2027 (*tech plan*)
- Classroom Apple TV Refresh - 2027 (*tech plan*)

Stakeholder Outreach

Appendix - Data

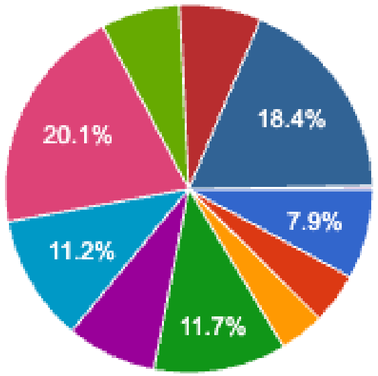
Anecdotal Feedback From Survey

- "The iPad accommodates most everything that we need for the classroom."
- "Connectivity and processing speed has improved over the years. We have nearly 100% accessibility from our students - who are more technologically literate each year."
- "iPads are great - they allow us to be creative with apps and organization."
- "I like that students are able to take pictures of their work. We use those pictures for collaborative conversations, evidence of thinking, and tracking the progression of learning. I like that the devices allow for more efficient workflow."
- "One of the best things about my students' current devices is how they provide accessibility and personalized learning. Features like text-to-speech, speech-to-text, and graphic organizers make it easier for students with different learning needs to engage with content."

Survey Respondents

School

403 responses

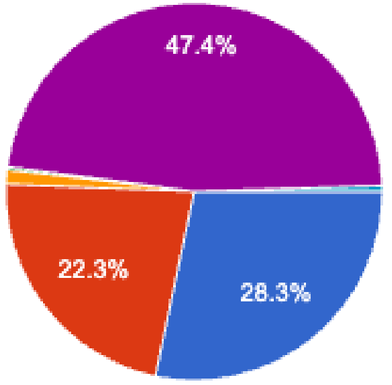


- Beye Elementary
- Hatch Elementary
- Holmes Elementary
- Irving Elementary
- Lincoln Elementary
- Longfellow Elementary
- Mann Elementary
- Whittier Elementary

1/2

Role In District

403 responses



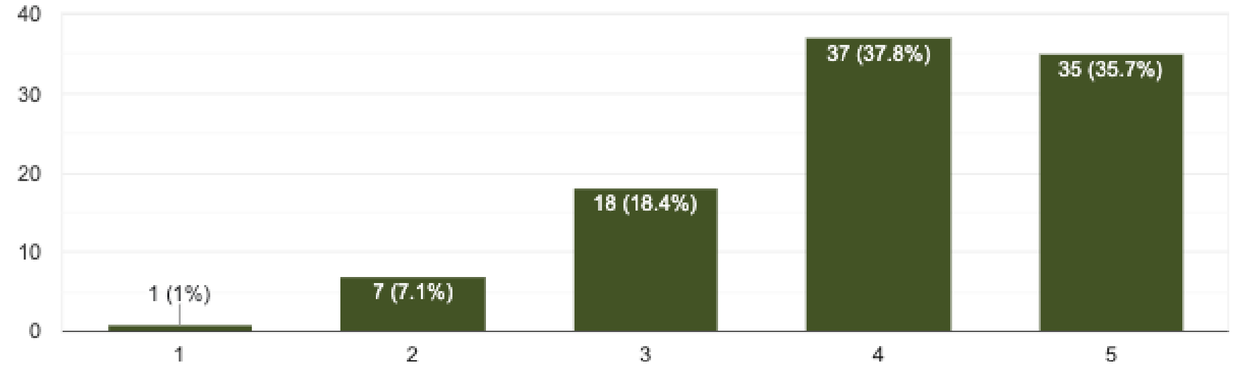
- Student
- Teacher
- Teacher Assistant
- Administrative Staff
- Family Member
- Staff

Device & Case Satisfaction

How happy are you with the iPad as your device for school-related work?

Copy chart

98 responses

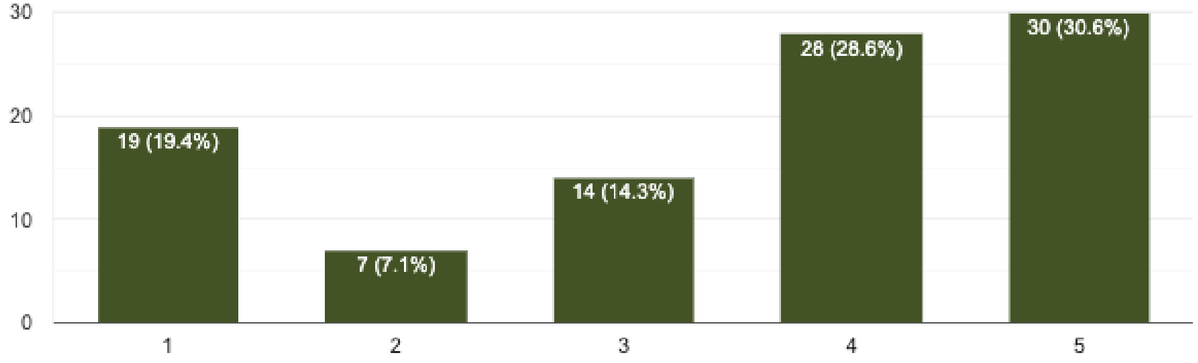


More satisfied responses from the elementary students on iPad; Chromebook anecdotal feedback centered on: battery life, better processor, breaking more often this year, filter too strict

Rating 1-5, how much do you like the keyboard on your iPad?

Copy chart

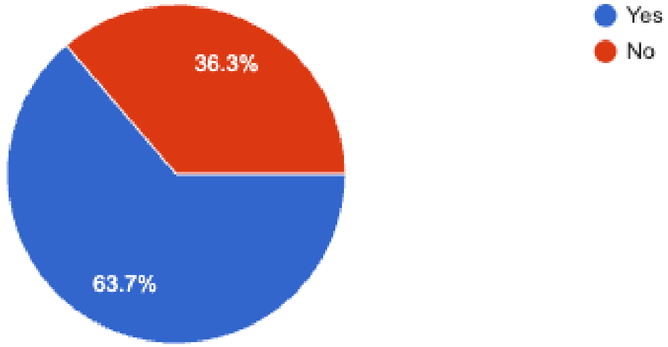
98 responses



Curriculum & Accessibility Feedback

Have recent curriculum adoptions increased the need for students to have and use a district-issued device to support their learning?

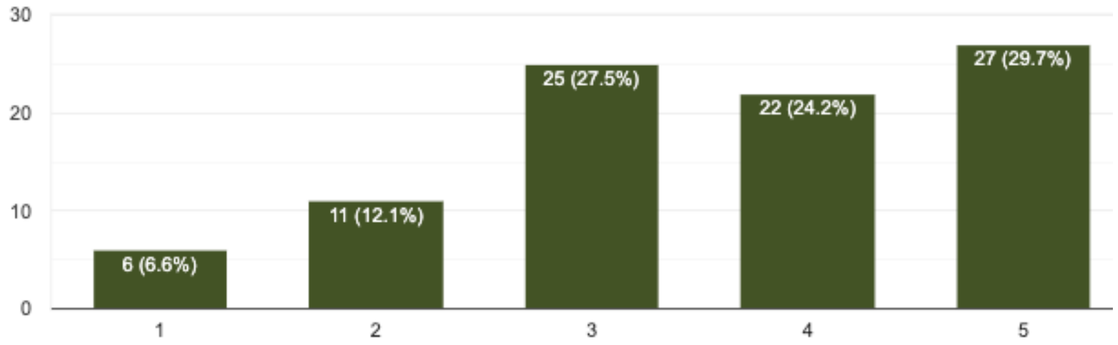
91 responses



Overall, how satisfied are you with your iPad and how it supports the learning environment for you and your students?

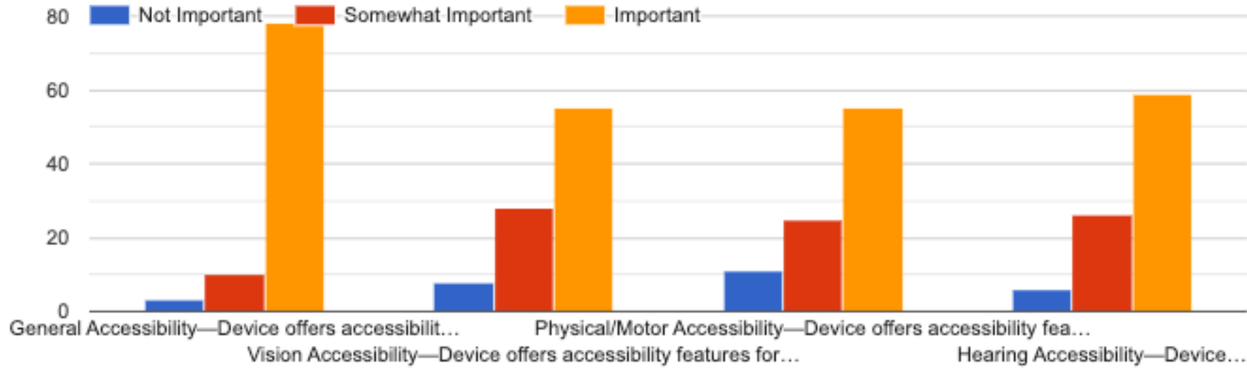
Copy chart

91 responses



Accessibility focuses on how a disabled person accesses or benefits from a site, system, or application. Device accessibility includes methods to support vision, physical/motor, hearing, and learning needs. Features designed for accessibility can also benefit persons without disabilities.

Please rate the level of importance of each of these features for your students with the support of the devices.

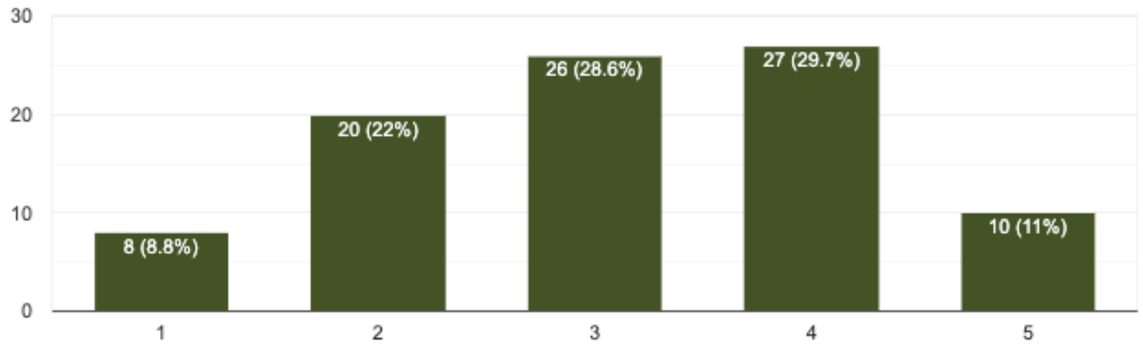


Student to Student; Student to Teacher Collaboration

How often do your students collaborate with other students while using their devices?

Copy chart

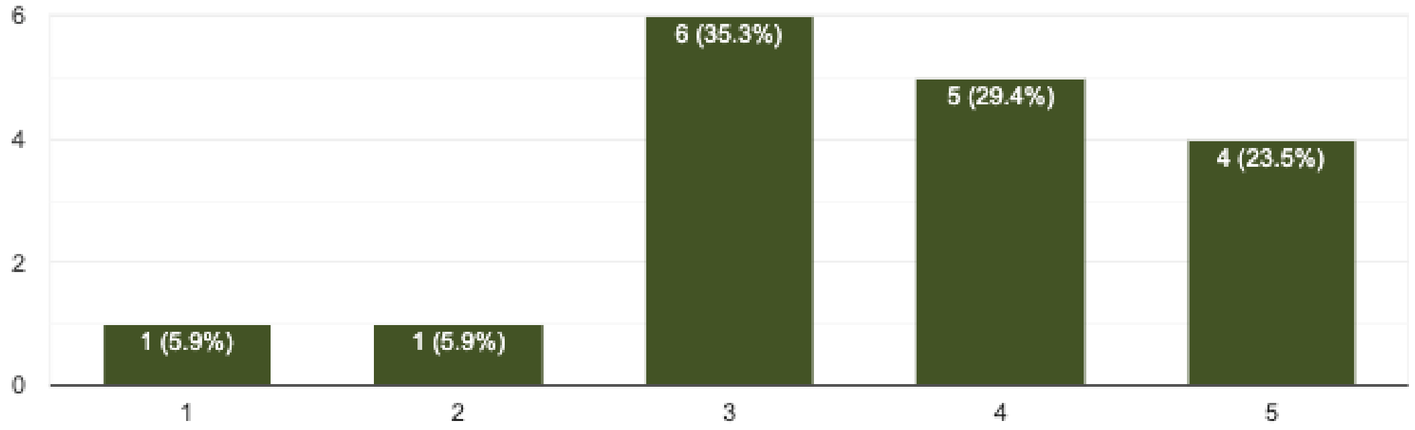
91 responses



How often do you collaborate with students while using your devices?

Copy chart

17 responses



Learning Managment & Presentation Tool Feedback

Learning Management System

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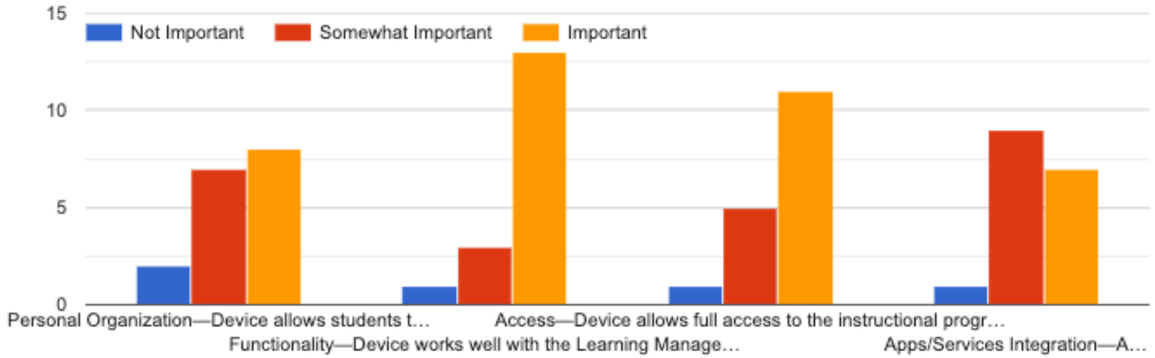
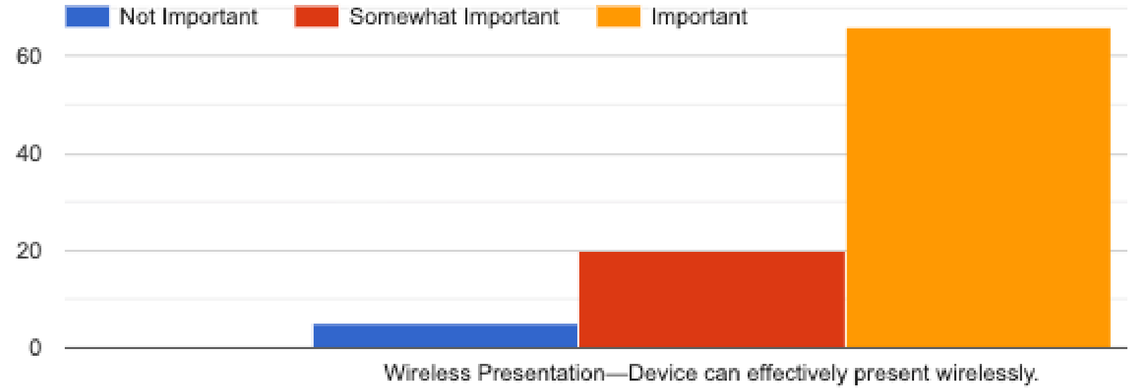
Please rate the following areas in levels of importance when using your device.



Elementary Student Reponse

Presentation

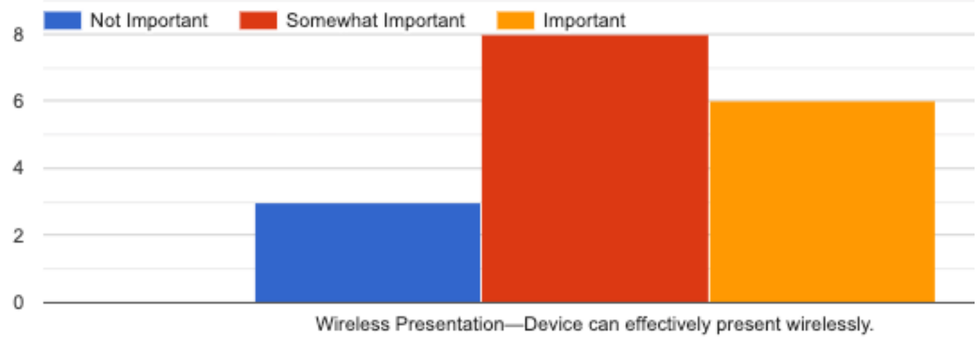
Please rate the following areas in levels of importance when using your device.



Presentation

Middle School Student Response

Please rate the following areas in levels of importance when using your device.

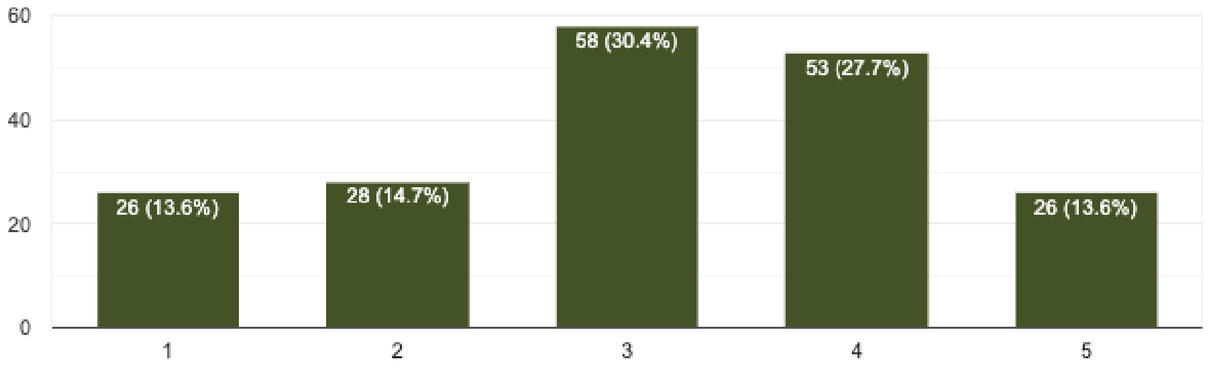


Family Feedback: Satisfaction & Home Use

How satisfied are you with the student device (ipad or Chromebook)?

Copy chart

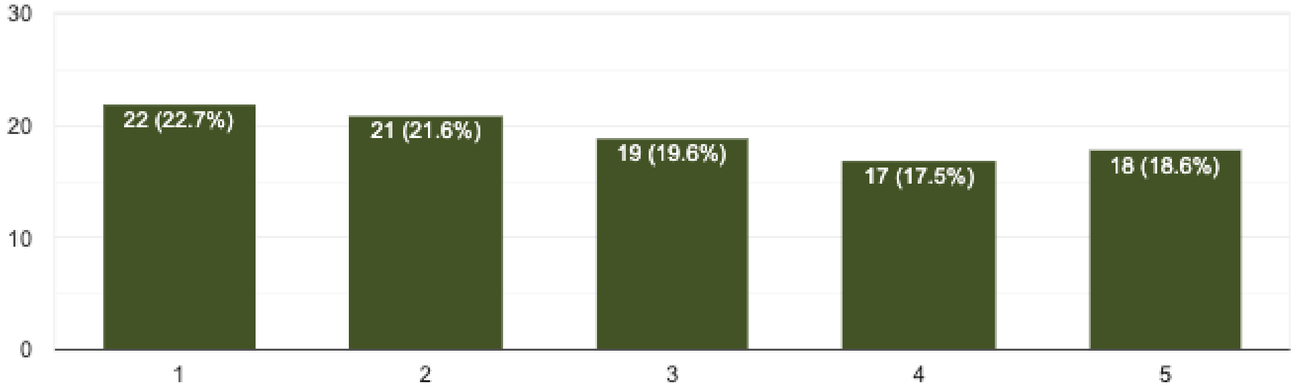
191 responses



How often do you use your device at home for schoolwork purposes?

Copy chart

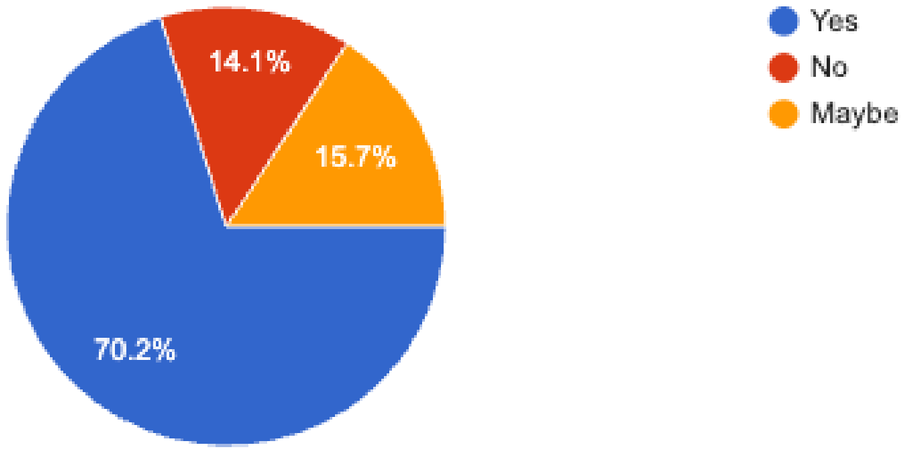
97 responses



Family Feedback: Parent Portal

Would you be interested in a Parent Portal to support the management of your child's device while at home (i.e. Internet site access, time limits, receiving reports on activity)?

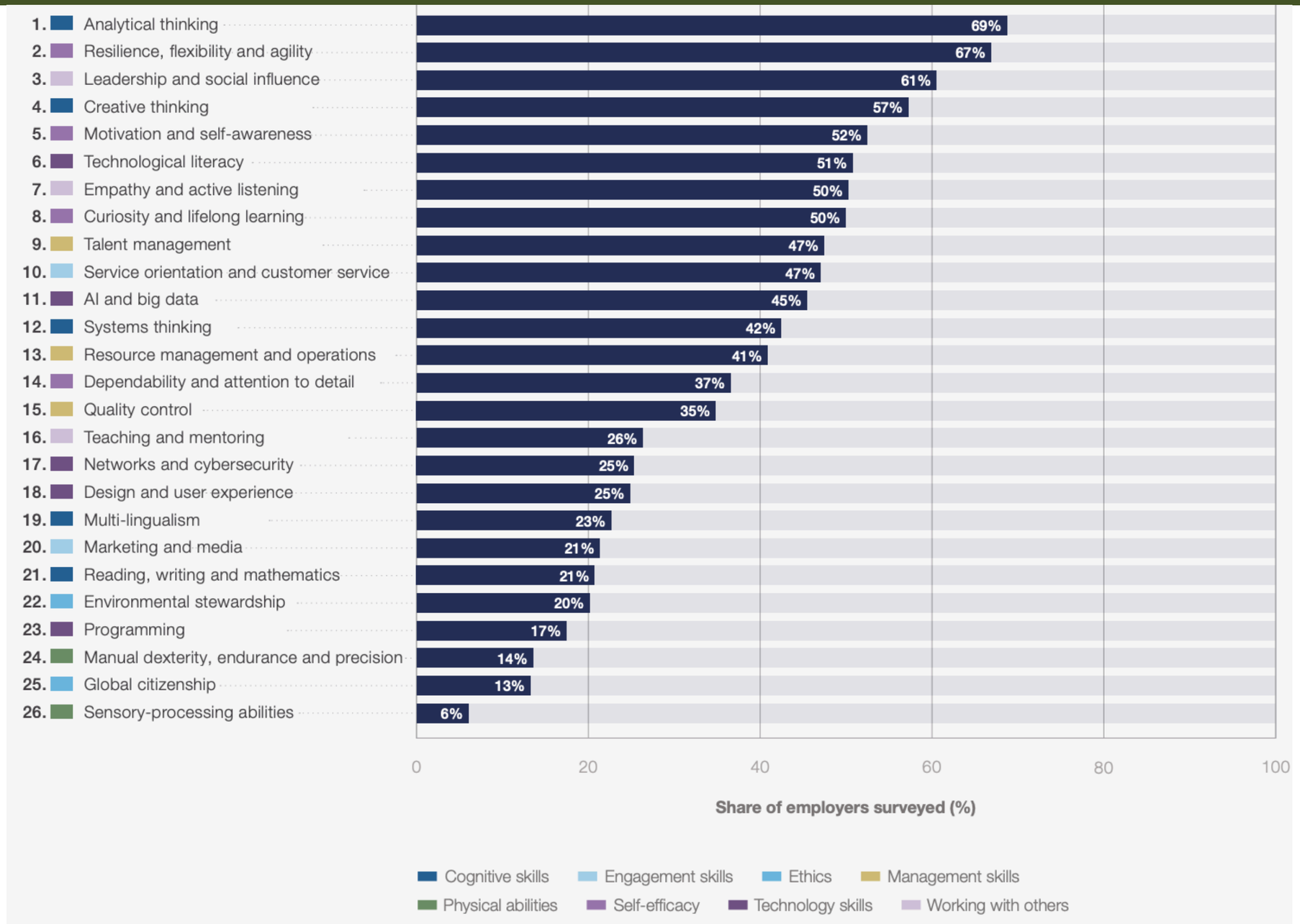
191 responses



Historical Prezi - Previous Tech Plan Review

Prezi link and report

Educational Why for Access

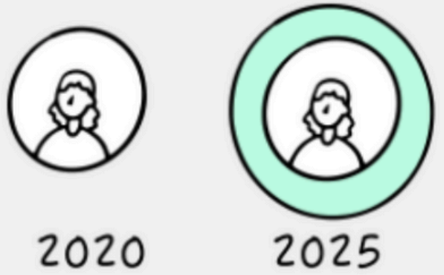


Educational Why for Access

WORLD ECONOMIC FORUM

muchskills

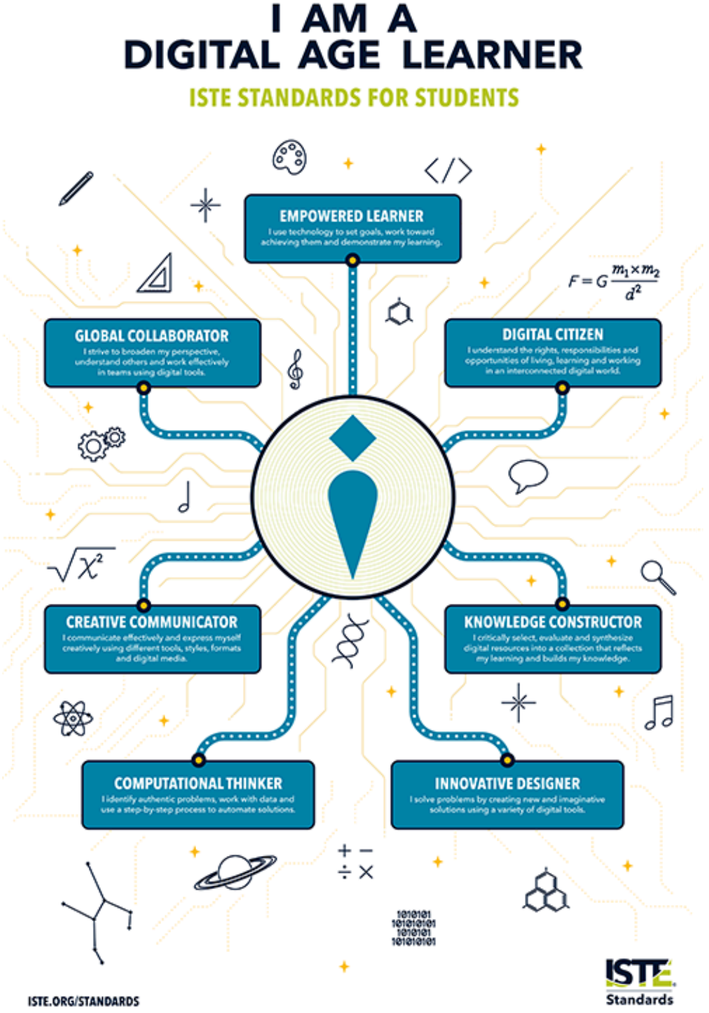
Top 15 skills of 2025



1. Analytical thinking and innovation
2. Active learning and learning strategies
3. Complex problem-solving
4. Critical thinking and analysis
5. Creativity, originality and initiative
6. Leadership and social influence
7. Technology use, monitoring and control
8. Technology design and programming
9. Resilience, stress tolerance and flexibility
10. Reasoning, problem-solving and ideation
11. Emotional intelligence
12. Troubleshooting and user experience
13. Service orientation
14. Systems analysis and evaluation
15. Persuasion and negotiation

Source: WEF Future of Jobs report 2020

Technology Standards Alignment



NEXT GENERATION SCIENCE STANDARDS
For States, By States

STANDARDS AND INSTRUCTION

STANDARDS AND COURSES

The Illinois Learning Standards establish expectations for what all students should know and be able to do in each subject at each grade. The standards emphasize depth over breadth, building upon key concepts as students advance. The standards promote student-driven learning and the application of knowledge to real world situations to help students develop deep conceptual understanding. Intentionally rigorous, the Illinois Learning Standards prepare students for the challenges of college and career.

- Unfinished Learning Communities Of Practice - 01/20/2021
- Illinois Instructional Mandates (Formerly Mandated Units of Study) - 10/23/2023

ILLINOIS LEARNING STANDARDS

- Computer Science
- Driver Education
- Early Learning and Development
- English Language Arts
- English Language Learning /Bilingual Education
  - English Language Development (2020)
  - Spanish Language Development (2013)
  - Spanish Language Arts (2021)
- Fine Arts
  - Dance
  - Media Arts
  - Music
  - Theatre
  - Visual Arts
- Mathematics
- Physical Development and Health
- Science
- Sexual Health Education
- Social and Emotional Learning
  - Social and Emotional Learning - Spanish
- Social Science
- World Languages
  - ACTFL Standards (2015)
  - Spanish Language Arts (2021)

District 97 Stats

Internet For All

- Ensuring 100% of students and families have Internet Access since 2015

1:1 - Student & Staff Devices

- Ensured 100% of students and families have access to a reliable, wifi enabled device at school and home
  - In Nov. 2021, when 1,873 families responded
    - 57.1% said their child did not have a sufficient dedicated home device to support learning (i.e. age, applications, filter, etc)
  - In Nov. 2021, when 279 teachers responded
    - 74.9% said they did not have a personal device that would meet the needs for instruction