La Grange School District 105

Technology Report
April 28th, 2025

Tech Planning Committee – Members

Committee Members	
Martin Almeida – IT Software Security Specialist	Trish Murphy – Director of Technology
Susan Calder – Coordinator of Teaching and Learning	Robin Petrak/Priscilla Drenning - Teachers/Association Co-Presidents
Israel Diaz – Desktop Technician	Amy Read – Spring Ave. Principal
Barb Hobe- Library Media Specialist	Tracy Renaghan – Library Media Specialist
Joanna Marek – Library Media Specialist	Madison Wagner - Library Media Specialist
Jim McMahon – Database and Systems Administrator	Bethany Walsh – Library Media Specialist
Martin Almeida – IT Software Security Specialist	

Technology Planning – Discussion

- Greatest Areas of Need (GAN):
  - Developing District-wide Guidance around the use of Artificial Intelligence (AI)
    - Understand key AI trends in education
    - Explore examples of AI tools and applications
    - Consider the ethical implications of AI use in K-12.

Technology Planning – Discussion

- WHAT IS AI IN EDUCATION?
  - "AI refers to technologies that perform tasks requiring human intelligence, such as understanding language or recognizing patterns. In education, AI assists in personalizing learning, automating tasks, and offering data insights."

Teach AI

Seven Principles for AI in Education

1. **Purpose**
   Use AI to help all students achieve educational goals.
2. **Compliance**
   Reaffirm adherence to existing policies.
3. **Knowledge**
   Promote AI Literacy.
4. **Balance**
   Realize the benefits of AI and address the risks.
5. **Integrity**
   Advance academic integrity.
6. **Agency**
   Maintain human decision-making when using AI.
7. **Evaluation**
   Regularly assess the impacts of AI.

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Stage 1

Create policy to address the immediate risks so that AI does not undermine learning during the coming year.

Stage 2

Facilitate organizational learning by making a small but strategic investment in harnessing the individual learning of the many educators already excited about AI.

Stage 3

Identify areas for improvements and effective transformations with potential to scale to support the education system.

Stage 1: Guidance and Policy

Where we currently are on the journey

Teach AI

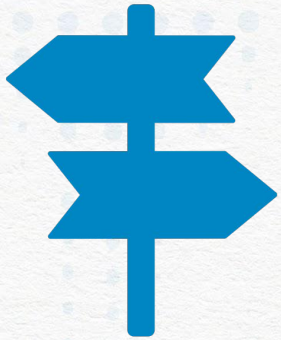
What guidance and policies are needed now to address immediate risks so that AI does not undermine learning in the coming year?

- Ensure that AI use complies with existing security and privacy policies,
- Provide guidance to students and staff on topics such as the opportunities and risks of AI
- Clarify responsible and prohibited uses of AI tools, especially uses that require human review
- Define academic integrity standards related to AI.

Stage 2: Organizational Learning

The next phase of the journey

How can we make a small but strategic investment in harnessing the experiences of educators that are already excited about AI to facilitate organizational learning?



- Prioritize professional development for all staff
- Bring together individual educators' experiences with AI to document successes, identify gaps, and build collective organizational knowledge and capacity.
- Include operational considerations such as evaluating AI tools already in use and creating selection criteria for future evaluations.

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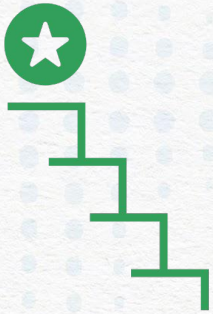
Stage 3: Improvement and Transformation

Continual Improvement Process

How can we identify areas for improvements and effective transformations with potential to scale?



Transformations may include:

- Personalized learning
- Project-based learning aided by real-time and augmented feedback
- A shift to competency-based education
- Reduced paperwork allows teachers more time for student connection and support

Current Technology Plan - C&I Status

Deployment of Technology into Classrooms
1: 1 Chromebooks (1-8) **Note-Touchscreen 3-8*
1:1 iPads (Kindergarten)
Document Cameras
Interactive Whiteboards

Integration of Technology throughout C&I
Assessment (IAR, MAP, ISA, Access, FastBridge, CogAT)
Collaboration (Google Apps for Education, MS365)
Communication (Zoom, Google Meet, MS365, ParentSquare)
ELA (Read180, Newsela, RAZkids, iXL, Fundations, Membean, Flocabulary, No Red Ink)
Fine Arts (MusicPlay Online, Flat for Education, Adobe Creative Cloud)
Learning Management Systems (LMS) (Google Classroom, Seesaw)
Math (iReady, Illustrative Math, iXL, ALEKS, Math180, Exemplars)
Multimedia (WeVideo, EdPuzzle, Nearpod)
PE (FitnessGram)
Science (Mystery Science, PebbleGo, BrainPop, Newsela, Gale)
Social Studies (PebbleGo, BrainPop, Newsela, Gale)
STEAM (Project Lead The Way, VEXcode, Tinkercad)

Current Technology Plan- Community Status

Projects	
Destiny Web Based Library System- Introduced 2010, e-books added 2013, cloud based 2024	Electronic Report Cards - Introduced Spring 2020 (Gurrie only)
PowerSchool Parent Portal - Introduced 2006 (Gurrie) and 2024 (Elementary)	Health Office Student Visit Tracking - Introduced in PowerSchool 2010
Intermediate and Middle School Assignments Posted Online - Gurrie 2005 and Intermediate 2006 via Google Classroom	Parent Computer Classes - Introduced 2015
Parent Teacher Conference Online Registration - Introduced 2018	PowerLunch - Introduced via PowerSchool 2009
Verkada Guest Management System - Introduced 2024	Revtrak (online payments) - Introduced 2014
Secure Document Delivery System - Introduced via ParentSquare 2021	School to Home Communication - Migrated to ParentSquare 2021
Student Online Registration - Introduced 2020, Upgraded 2023	Website Redesign - Migrated 2021 and in-progress 2025

Current Technology Plan - PD Status

Ongoing Professional Development and Support
Technology PD Website - Videos and Articles
Instructional Technology Training - Embedded into curriculum adoption and implementation

Current Technology Plan- Deployment Status

Network/Infrastructure or Support Related Projects	
Backup Solution- Implemented Veeam 2018	Copiers/MFPs - 12 Refreshed 2023
Cybersecurity Platform- Crowdstrike Implemented 2024	Data Warehouse - Implemented Frontline Student Analytics 2023
Desktop Management System - Ivanti Implemented 2015	File Server upgrades - cycle established
Google Workspace for Edu - Implemented 2024	LAN Infrastructure - Upgraded 2024 via eRate
Network Storage - Upgraded MDF 2018 and other locations 2019	Security Cameras - implemented 2013/Upgraded 2020
Strategic Plan Management System and Data Dashboard - Envisio Implemented 2024	Technical Support - Tech Department 4.5 FTE
Technology Replacement- cycle established	Telephony System - CCM Upgraded 2021
Ticket Tracking System - Implemented 2008	UPS Systems - Upgraded 2020
Wireless Network- Upgraded 2017 via eRate	

Touchscreen Device- Recommendations 2025-26

- Continue purchasing the Touchscreen Chromebook devices as a part of Chromebook replacement cycle
  - Feedback from 23-24 pilot met the pilot goals around the 4Cs; especially around Increased interactivity and collaboration
  - Feedback indicated there was an increase in accessibility
  - Help Desk data indicates a major decrease in the number of overall repairs and especially screen repairs due to the durability of the “Gorilla Glass”
  - Minimal price difference between the non-touch and touchscreen devices (approx. $20 per device)
    - Grades 1-8 would all have touch devices for the 2025-26 school year.

Looking Forward: 2025-2026

Major Areas Being Addressed (2025-2026 school year)	
iPads/Tablets	Purchase consistent with specified replacement cycle; focus on hardware that is End-Of-Life and End-Of-Support.
Network/Telephony Hardware Replacement	Purchases consistent with tech plan's 5 year replacement cycle, focus on WAN and hardware that is End-Of-Life and End-Of-Support.
Professional Development	Enhance learning through teacher PD and align with strategic planning goals.
Purchase Replacement Desktops and Laptops	Purchase consistent with tech plan's year replacement cycle of staff devices.
Renewal of Google Licensing, Microsoft Licensing, Cisco Meraki, SmartNet, CrowdStrike, Tech and EdTech Software	District wide renewals are necessary each year to maintain licensing compliance and provide support.
Server and Storage Solution	Purchase to keep up with data storage/consumption needs and consistent with tech plan's 5 year replacement cycle, focus on hardware that is End-Of-Life and End-Of-Support.
Touchscreen Chromebooks	Purchase student touchscreen Chromebooks in grades 1-8 consistent with specified replacement cycle; focus on hardware that is End-Of-Life and End-Of-Support. Purchase paraprofessionals touchscreen Chromebooks (staff version) consistent with specified replacement cycle; focus on hardware that is End-Of-Life and End-Of-Support.
Website	Migration to new website platform, ParentSquare SmartSites.

Proposed 2025-2026 Budget

- The FY25-26 Technology Budget proposed is $1,318,957
- This budget is slight decrease compared the FY24-25 approved budget
- This budget again includes the EdTech Software line items from the Curriculum and Instruction (C&I) Budget to the Technology Budget which re-allocates $214,500 from C&I to Technology.

Technology Plan -Historical Budget

2025-2026: Requesting $1,318,957

- Slightly lower than the budget for the 2024-25 school year budget (before e-rate discounts)
- This budget again includes the EdTech Software line items from the Curriculum and Instruction (C&I) Budget to the Technology Budget which re-allocates $214,500 from C&I to Technology.
    - 2023-24 was the first year we re-allocated EdTech Software from C&I to Tech

Budget Year	Proposed Tech Plan Budget	Proposed EdTech Software (from C&I)	Proposed Total Overall Tech Budget
2017-2018	$657,300	n/a	$657,300
2018-2019	$733,256	n/a	$733,256
2019-2020	$733,256	n/a	$733,256
2020-2021	$619,000	n/a	$619,000
2021-2022	$765,106	n/a	$765,106
2022-2023	$765,106	n/a	$765,106
2023-2024	$817,148	$221,650	$1,038,798
2024-2025	$1,112,974	$221,650	$1,334,624
2025-2026 Proposed	**$1,104,457.26**	**$214,500**	**$1,318,957**

Going Forward…Student Results

- **Continuing to monitor results next year:**
  - D105 Surveys
  - Assessment Data
  - Walkthrough Data
  - Inventory Assessment
  - Uptime Metrics

Questions?