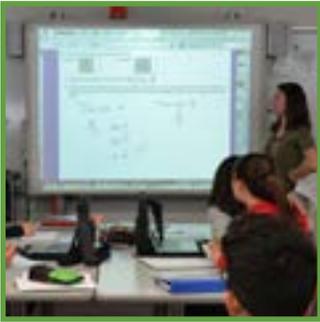# Avoca School District 37 Technology Innovation Plan:
2017-2021 Implementation Schedule

Explore New Opportunities

A. Flexibly use resources, such as personnel, physical spaces, and time to accommodate innovative initiatives

B. Use technology to access local and global learning communities beyond Avoca School District 37

C. Utilize a design process that establishes a funding, implementation, evaluation, and potential expansion system for innovative ideas

Enhance Instructional Practices

A. Employ best practices for incorporating technology and instructional tools and strategies to support a student-centered learning environment

B. Utilize technology to facilitate greater efficiency of assessment and feedback for standards-based student learning

Prepare & Support Implementation

A. Develop, implement, and monitor a professional learning framework for faculty

B. Optimize internal resources for professional learning

C. Leverage external professional learning opportunities

D. Provide parents with learning opportunities, resources, and strategies for supporting their children

Optimize Investments in Technology

A. Develop a comprehensive refresh, deployment, and financing plan for infrastructure, student and staff devices, classroom peripherals, non-computing devices, and applications

B. Reevaluate and update administrative processes and procedures

C. Optimize the roles and responsibilities of technology personnel to meet the needs of the District

D. In conjunction with the Communication & Engagement Committee, plan and execute a redesign of the District website

Strategic Priority: Explore New Opportunities

Goal	Aligned Strategy		
	2017-2018	2018-2019	2019-2020
A. Flexibly use resources, such as personnel, physical spaces, and time to accommodate innovative initiatives	• Investigate how other schools make effective use of existing spaces and schedules. • Research mobile/flexible furniture options and explore the uses of current building spaces to identify opportunities to use settings responsively for learning throughout the buildings.	• Establish designated innovation areas in each building. • Investigate time as a resource to identify possible options for increasing problem-based learning opportunities. • Pilot the use of current spaces to allow for flexible uses	• Identify ways to expand successful pilots across the district.
B. Use technology to access local and global learning communities beyond Avoca School District 37	• Authentically integrate digital citizenship best practices.	• Identify authentic opportunities to collaborate with other learning communities to enhance curriculum.	• From previous year's research, make recommendations for incorporating global connectedness using technology at each grade level. • Create a mechanism (committee, blog, etc.) for sharing effective global connectedness ideas with staff
C. Utilize a design process that establishes a funding, implementation, evaluation, and potential expansion system for innovative ideas	• Investigate innovative technology initiatives; pilot as appropriate • Explore how other schools are making effective use of technology materials, MakerSpaces, IdeaLabs, etc. Pilot as appropriate. • Create a process for staff to propose, implement, and evaluate innovative ideas on a small scale.	• Identify options for evaluating effectiveness of pilots, global initiatives, internet safety, and other initiatives. • Ensure that ongoing professional development supports additions to/changes in the curriculum.	• Create a mechanism for sharing ideas and pilot progress with the staff

Strategic Priority: Enhance Instructional Practices

Goal	Aligned Strategy		
	2017-2018	2018-2019	2019-2020
A. Employ best practices for incorporating technology and instructional tools and strategies to support a student-centered learning environment	• Conduct a self-study of the current reality within Avoca by gathering examples of student-centered instruction and technology integration across all grades and content areas. • Partner with Apple to gather ideas for how we leverage our current technologies to enhance student learning. • Investigate and recommend the best practices of student-centered instruction and technology integration throughout the District.	• Continue to implement new ideas and best practices into our Avoca culture. Pilot as appropriate. • Consider ways to celebrate and share ideas that staff members have tried within their classrooms or content areas. • Develop a warehouse of examples of student-centered practices and technology integration ideas for grade levels and subject areas. • Make recommendations for computer science instruction at each grade level. • Implement the best practices of student-centered instruction and technology integration throughout the District.	• Create a scope and sequence for integration across grade levels and content areas
B. Utilize technology to create greater efficiency of assessment and feedback for standards-based student learning	• Identify and experiment with tools that simplify the assessment process and improve feedback.	• Make recommendations for the integration of assessment tools across grade levels and content areas. • Explore systems for managing assessment data.	

Strategic Priority: Prepare & Support Implementation

Goal	Aligned Strategy		
	2017-2018	2018-2019	2019-2020
A. Develop, implement and monitor a professional learning framework for faculty	• Form a technology innovation leading team (TILT) to investigate best practices for tech integration and personalized professional learning. • Utilize a coaching model in which technology integration specialists support teachers in planning and incorporating technology into curriculum. • Celebrate teachers' individual progress around tech integration.	• Develop criteria to evaluate the effectiveness of each technology initiatives. • Adopt a personalized learning platform that contains a self-monitoring and accountability component. • Celebrate teachers' individual progress around tech integration.	• Continue to evaluate the effectiveness of technology initiatives using criteria developed in year two. • Support a personalized learning path for individual faculty members. • Celebrate teachers' individual progress around tech integration.
B. Optimize internal resources for professional learning	• Identify and implement integration best practices within the current environment. • Incorporate coaching practices that support innovative learning models, pilot programs, and peer learning opportunities. • Creatively provide opportunities to support in-house professional learning.	• Refine coaching practices that support innovative learning models, pilot programs, and peer learning opportunities. • Recruit staff who have innovative skills to serve as professional resources for others.	• Continue to support in-house professional learning.
C. Leverage external professional learning opportunities	• Utilize outside resources, such as those provided by Apple and Google, to identify and implement technology integration best practices.	• Provide opportunities for faculty to learn from innovation experts outside of our district. • Guide staff to expand their Personal Learning Networks (PLNs) via social media. • Create a plan for disseminating knowledge gained from external learning opportunities.	• Systematize the dissemination of information gained from external learning opportunities.
D. Provide parents with learning opportunities, resources, and strategies for supporting their children	• Identify parents' needs as related to supporting student learning. • Continue to offer parent tech nights that mirror student learning experiences. • Provide opportunities to help parents understand Avoca's technology practices, policies, and initiatives.	• Utilize digital tools to help with parent and community communication and the sharing of resources and strategies.	

Strategic Priority: Optimize Investments in Technology

Goal	Aligned Strategy		
	2017-2018	2018-2019	2019-2020
A. Develop a comprehensive refresh, deployment, and financing plan for infrastructure, student and staff devices, classroom peripherals, non-computing devices, and applications	• Charge a focus group with researching and identifying the most appropriate devices for students and staff. • Develop a five-year, projected technology budget. • Create, monitor and implement a five-year infrastructure plan. • Annually evaluate the utilization of software and subscriptions and update accordingly.	• Revisit current outsourced IT service provider contract, including responsibilities, and solicit bids. • Annually evaluate the utilization of software and subscriptions and update accordingly. • Design a refresh plan to address aging or obsolete devices, interactive whiteboards, and projectors.	• Annually evaluate the utilization of software and subscriptions and update accordingly.
B. Reevaluate and update administrative processes and procedures	• Review teacher access and identify responsibilities for staff and the technology department, as related to teacher access. • Develop a standardized intake system to effectively and efficiently address the needs of new students, staff, and substitute teachers. • Annually revisit state and district registration requirements and update accordingly,	• Review staff and student acceptable use policies and damage waiver program and revise as necessary. • Annually revisit state and district registration requirements and update accordingly.	• Annually revisit state and district registration requirements and update accordingly.

Strategic Priority: Optimize Investments in Technology

Goal	Aligned Strategy		
	2017-2018	2018-2019	2019-2020
C. Optimize the roles and responsibilities of technology personnel to meet the needs of the District	• Develop, document, and disseminate job descriptions identifying specific technology personnel for various tasks and responsibilities. • Research ticket systems that assigns tasks to appropriate personnel. • Further develop and promote the Technology Corner as the knowledge base for technology resources.	• Pilot a ticket system that assigns tasks to appropriate personnel and evaluate its effectiveness and efficiency. • Further develop and promote the Technology Corner as the knowledge base for technology resources.	• Implement a ticket system that assigns tasks to appropriate personnel and evaluate its effectiveness and efficiency. • Further develop and promote the Technology Corner as the knowledge base for technology resources.
D. In conjunction with the Communication & Engagement Committee, plan and execute a redesign of the District website	• Form a revamp website committee to direct the development of a new District website. • Create and disseminate a Request for Proposal for the development of a website in alignment with the requirements of the Revamp Website Team. • Review, evaluate and accept a proposal. • Revamp Website Team and website designer work in cooperation to develop a new website. • Launch of new website tentatively scheduled for winter 17-18.	• Utilize the revamp website committee to consider opportunities for improvement to the new District website.	• Utilize the revamp website committee to consider opportunities for improvement to the new District website.

AVOCA

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