

Area 5: Technology

(X=Focus for identified year P=Progressing A=Achieved or Operational)

Goal 5.1: Plan the access and exposure to technology devices to support student achievement

Strategy 5.1.1: Elementary students will primarily use technology to support discovering, sharing, and analyzing information within the learning process as a digital citizen						
Action Steps		15-16	16-17	17-18	18-19	19-20
1	Students will take all statewide and district level assessments online	A	A	A	A	A
2	Students in grades K-2 will have access to touchscreen technology platforms					
3	All students in grades 3-5 will have access to learning in a one-to-one computing environment					
4	As students interact with and collaborate using online resources, digital citizenship expectations will be interwoven at the point of teaching	P				
Strategy 5.1.2: Middle School students will primarily use technology to support critical thinking, research skills, becoming an effective collaborative learner, and digital citizenship						
Action Steps		15-16	16-17	17-18	18-19	19-20
1	Students will take all statewide and district level assessments online	A	A	A	A	A
2	All students in grades 6-8 will have access to learning in a one-to-one computing environment	P				
3	As students interact with and collaborate using online resources, digital citizenship expectations will be interwoven at the point of teaching	P				
Strategy 5.1.3: High School students will primarily use technology to support collaborative research, critical analysis of information, effective communication, and digital citizenship						
Action Steps		15-16	16-17	17-18	18-19	19-20
1	Students will take all statewide and district level assessments online	A	A	A	A	A
2	All students in grades 6-8 will have access to learning in a one-to-one computing environment	P				
3	As students interact with and collaborate using online resources, digital citizenship expectations will be interwoven at the point of teaching	P				

Goal 5.2: Increase and enhance the amount of quality products that show student learning using technology tools

Strategy 5.2.1: Students will utilize a variety of technology tools to research, create, collaborate, and demonstrate learning						
Action Steps		15-16	16-17	17-18	18-19	19-20
1	Principals, teachers, TIS, and LTIs will investigate the effectiveness of various products to be used in a technology-supported learning environment	P				
2	LTIs and TIS will support teachers and students in the classroom setting by providing instruction in various technology tools and technology learning landscapes	X				
3	LTIs will collaborate with classroom teachers to develop meaningful student projects/units using technology tools available	P				
4	Building principal and teachers/LTI will schedule access to hardware as appropriate for student needs	X				
5	Explore Technology Student Intern (TSI) opportunities through High School Technology career academy to assist in providing basic tech services	P				

Goal 5.3: Create flexible/diverse Professional Development opportunities to assist staff with effective technology integration

Strategy 5.3.1: District-wide Professional Development will be offered in a relevant, convenient, and collaborative environment emphasizing current technology and educational applications						
Action Steps		15-16	16-17	17-18	18-19	19-20
1	Develop Online and/or collaborative PD opportunities that allow teachers to share their knowledge and expertise with their colleagues	P				
2	Utilize LTIs to support building and district-wide professional development	P				
3	Develop a district-wide technology clearinghouse that allows for collaboration and the exchange of educational technology best practices (wider access for peers to support peers)	X				
4	Model technology applications (such as Google Apps for Education--GAFE) within District professional development to emphasize and support current efficient/effective technology use	X				
5	Provide teachers with digital citizenship resources and training that is developmentally-appropriate to grade level	X				

Goal 5.4: Develop a long-range hardware and software technology plan

Strategy 5.4.1: Move to 1:1 student to device ratio at 7th-12th grades						
Action Steps		15-16	16-17	17-18	18-19	19-20
1	Purchase more devices needed to get to 1:1 status	P				
2	Create 3-year replacement cycle for devices	P				
3	Establish "tech teams of Teacher Leaders." Set up site visits and attend different conferences.	P				
Strategy 5.4.2: The District will continue to use and update software systems as needed						
Action Steps		15-16	16-17	17-18	18-19	19-20
1	Continue to utilize and enhance the Keystone financial system, Applitrack, RenPlace, MyBenefits, Pulse, AllofE, SpedTrack, as well as others	A				
2	Continue to utilize Google Apps for Education (GAFE)	X				

Goal 5.5: Ensure infrastructure will support technology plans

Strategy 5.5.1: The District will maintain infrastructure and services including LAN and WAN connectivity and Internet connectivity that is robust, reliable, and secure						
Action Steps		15-16	16-17	17-18	18-19	19-20
1	Annually analyze internet connection bandwidth and infrastructure requirements and update servers, wireless equipment, security, internet content filtering, and other system software and resources as required	A				
2	Provide VOIP service, long distance service, to support the District's telecommunication requirements	A				
Strategy 5.5.2: The District will continue to apply for funding through the Universal Service Fund (eRate) each year to obtain and support technology resources						
Action Steps		15-16	16-17	17-18	18-19	19-20
1	Review opportunities and work with our District eRate consultant to apply, leverage, and acquire potential reimbursement funding for future District projects	A				
2	Review federal and state grants available for technology	A				
Strategy 5.5.3: Establish a disaster recovery plan and a comprehensive network security policy						
Action Steps		15-16	16-17	17-18	18-19	19-20
1	Write and revise current processes to implement a comprehensive system to provide security plans for the District data/voice network	X				
2	Develop and test a written disaster recovery plan	X				