

LARAWAY C.C.S.D. 70c INNOVATION AND TECHNOLOGY PLAN

Developed by the District Technology and Innovation Committee

Members:

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Julie Hanson, ELL Director
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Vision Statement

The Laraway Community Consolidated Innovation and Technology Plan will support a District culture that innovates, continually improves, and ensures equity of access to appropriate technologies for the educational community.

Goals:

- Increasing student achievement through instructional integration of technology.
- Developing students who are college or career ready.
- Continually improving professional development and curriculum materials that are accessible, realistic, and usable by all.
- Supporting a well- planned infrastructure that is able to respond to the rigorous demands of integrated technology.

Goal 1: Increasing student achievement through instructional integration of technology.

YEAR 1: 2016-2017

Benchmark 1:	Rationale:	Staff Responsible	Indicators of Success:
Research and select a new Student Information System districtwide.	The current Student Information System (SIS) does not meet the needs of the district staff and parents. The system is antiquated and costly. A new SIS will be up to date technologically and will have the capability to interface with multiple programs for specific use of data sharing and analysis.	District Technology and Innovation Committee (DTIC)	A new SIS will be selected and purchased in the Winter/Spring of 2017.
Benchmark 2:	Rationale:	Staff Responsible	Indicators of Success:
Research and select a Learning Information System (LMS).	A LMS will assist teachers in the implementation of technology in the classroom. The LMS will act as the digital classroom for all teachers.	District Technology and Innovation Committee (DTIC)	A new LMS will be selected and purchased in the Winter/Spring of 2017.
Benchmark 3:	Rationale:	Staff Responsible	Indicators of Success:
Research and select a new online formative and summative assessment for the district.	The current district assessment (IOWA) does not provide data that helps inform curriculum and instruction decisions. It is also a paper pencil test which is not consistent with required state testing methods, which is online.	District School Improvement Team (SIP)	A new online assessment program will be selected in the Winter/Spring of 2017.

YEAR 2: 2017-2018

Benchmark 1:	Rationale:	Staff Responsible	Indicators of Success:
Student Information System used districtwide.	All staff will use the SIS for all data reporting, collection and communication.	All Staff	All data, reports and communication are executed through the SIS.
Benchmark 2:	Rationale:	Staff Responsible	Indicators of Success:
District Technology and Innovation Committee (DTIC) will pilot the new Learning Information System (LMS).	The DTIC will pilot the new LMS with all students under their supervision. The DTIC will eventually become the trainers of the whole staff on the use of the LMS.	District Technology and Innovation Committee (DTIC)	All DTIC members will pilot the new LMS. Full staff training on the LMS will begin in the Spring of 2018 so full implementation of the LMS can begin in Fall of 2018.
Benchmark 3:	Rationale:	Staff Responsible	Indicators of Success:
New online assessment for the district will be administered at least three times a year.	The new assessment system will now serve as our benchmark assessment. The results of this assessment will be used to measure student growth and students who need remediation or enrichment.	All Staff	New assessment will be administered at least three times in 2017-218.
Benchmark 4:	Rationale:	Staff Responsible	Indicators of Success:
District Technology and Innovation Committee (DTIC) will pilot the use of the SAMR Framework for Technology Integration and Instruction.	It is critical that our staff are able to integrate technology into their instruction. The intent of technology in education is to enhance instruction and to increase engagement. Research based strategies must be used to obtain these goals.	District Technology and Innovation Committee (DTIC) *Hire new Technology Integration Specialist Spring of 2018	All members, that are capable, use the SAMR method in their instruction. Results of these lessons will be discussed at committee meetings. Professional Development for all staff will be planned.

YEAR 3: 2018-2019			
Benchmark 1:	Rationale:	Staff Responsible	Indicators of Success:
Student Information System used districtwide.	All staff will use the SIS for all data reporting, collection and communication.	All Staff	All data, reports and communication are executed through the SIS.
Benchmark 2:	Rationale:	Staff Responsible	Indicators of Success:
Learning Information System (LMS) will be utilized by all staff.	The district wide use of an LMS will allow teachers to personalize the learning for all of our students. Teachers will be able to simply teaching and learning by connecting all the digital tools teachers use in one easy place.	All Staff	Usage statistics will be accessed to monitor teacher, student and parent use of the system. Administration will set criteria for usage that all staff must, at a minimum, use in the LMS.
Benchmark 3:	Rationale:	Staff Responsible	Indicators of Success:
New online assessment for the district will be administered at least three times a year.	The assessment system serves as our benchmark assessment. The results of this assessment will be used to measure student growth and students who need remediation or enrichment.	All Staff	Assessment will be administered at least three times in 2018-219.
Benchmark 4:	Rationale:	Staff Responsible	Indicators of Success:
All staff will use the SAMR Framework for Technology Integration and Instruction.	It is critical that our staff are able to integrate technology into their instruction. The intent of technology in education is to enhance instruction and to increase engagement. Research based strategies must be used to obtain these goals.	All Staff. Technology Integration Specialist	Minimum expectations of the use of the SAMR model will be established by the DTIC and administration. All staff are expected to meet the minimum requirements of use.

Goal 2: Developing students who are college or career ready.

YEAR 1: 2016-2017

Benchmark 1:	Rationale:	Staff Responsible	Indicators of Success:
Adopt a district wide technology skills scope and sequence.	Student's should learn and master specific age and developmental appropriate, technology skills at each grade so they become fluent technology users by the end of 8 th grade.	District Technology and Innovation Committee (DTIC).	A district wide technology skills scope and sequence will be adopted in the Winter/Spring of 2017.

YEAR 2: 2017-2018

Benchmark 1:	Rationale:	Staff Responsible	Indicators of Success:
Technology skills scope and sequence instruction will begin in K-8 classrooms.	Student's should learn and master specific age and developmental appropriate, technology skills at each grade so they become fluent technology users by the end of 8 th grade.	Technology Teacher Grade level teachers. (All teachers are required to have student use technology skills throughout the day)	Technology Teacher will administer pre and post assessments at each grade level to measure student growth in each skill. Observation by DTIC team and Administration of grade level teacher integrating technology skills into lessons.
Benchmark 2:	Rationale:	Staff Responsible	Indicators of Success:
Research curriculum for new STEM Lab in new Laraway School.	Students need to have hands on real world experiences in potential careers opportunities. A robust and rigorous STEM lab will provide all students will a wide variety of vocational opportunities and/or possible areas of college studies.	District Technology and Innovation Committee (DTIC). Tech. Innovation Teacher	New STEM Lab curriculum will be selected by Spring 2018. Purchasing and professional development will begin immediately after selection.

YEAR 3: 2018-2019

Benchmark 1:	Rationale:	Staff Responsible	Indicators of Success:
Technology skills scope and sequence instruction in K-8 classrooms will continue until student mastery.	Student's should learn and master specific age and developmental appropriate, technology skills at each grade so they become fluent technology users by the end of 8 th grade.	Technology Teacher Grade level teachers. (All teachers are required to have student use technology skills throughout the day) Tech. Innovation Teacher	Technology Teacher will administer pre and post assessments at each grade level to measure student growth in each skill. Observation by DTIC team and Administration of grade level teacher integrating technology skills into lessons.
Benchmark 2:	Rationale:	Staff Responsible	Indicators of Success:
New STEM Lab in new Laraway School instruction will begin.	Students need to have hands on real world experiences in potential careers opportunities. A robust and rigorous STEM lab will provide all students will a wide variety of vocational opportunities and/or possible areas of college studies.	Tech. Innovation Teacher	All 6-8 students will participate in new STEM lab curriculum. Use of pre and post assessment will be used to measure student success and growth.

Goal 3: Continually improving professional development and curriculum materials that are accessible, realistic, and usable by all.

YEAR 1: 2016-2017

Benchmark 1:	Rationale:	Staff Responsible	Indicators of Success:
District Technology and Innovation Committee will create a Professional Development Sub-Committee.	The Professional Development Sub-Committee will begin researching strengths and weaknesses in current staff's technology abilities.	Professional Development Sub-Committee	A staff survey will be administered to measure the current technology abilities of the staff. This data will help drive the technology professional development plan.
Benchmark 2:	Rationale:	Staff Responsible	Indicators of Success:
Research and select an online Curriculum Mapping program.	Converting our curriculum maps to a digital version will allow the district to run diagnostic reports on gaps and overlaps in the curriculum. It will also promote vertical articulation due to the ease of access.	District Technology and Innovation Committee Curriculum and Instruction Sub-Committee	A program will be selected by the end of the 2016-2017 school year.

YEAR 2: 2017-2018

Benchmark 1:	Rationale:	Staff Responsible	Indicators of Success:
District Technology and Innovation Committee will receive training in SAMR methods.	The District Technology Committee will become district trainers in the SAMR model to help facilitate technology integration in teaching and learning.	District Technology and Innovation Committee (DTIC).	Successful training and implementation by the DTIC. Training schedule for all employees will be developed.
Benchmark 2:	Rationale:	Staff Responsible	Indicators of Success:
Hire a Technology Integration Specialist	Have a specialist on staff will provide on-going support and professional development for staff on integrating technology into teaching and learning	Administration District Technology and Innovation Committee (DTIC).	A Technology Integration Specialist will be hired in the Spring of 2018.
Benchmark 3:	Rationale:	Staff Responsible	Indicators of Success:
Online Curriculum Mapping	Converting our curriculum maps to a digital version will allow the district to run diagnostic reports on gaps and overlaps in the curriculum. It will also promote vertical articulation due to the ease of access.	All teaching staff	All curriculum maps will be converted to the online program by May 2018.

YEAR 3: 2018-2019

Benchmark 1:	Rationale:	Staff Responsible	Indicators of Success:
Utilization of SAMR methods for technology integration in teaching and learning.	SAMR model will be used to help facilitate technology integration in teaching and learning by all staff.	All Staff District Technology and Innovation Committee (DTIC)	All staff will use the SAMR model in their instruction. Minimum expectations will be established and monitored by DTIC and administration.
Benchmark 2:	Rationale:	Staff Responsible	Indicators of Success:
Technology Integration Specialist Coaching	Technology Integration Specialist will work with all staff and assist with technology integration in the classroom.	All Staff Technology Integration Specialist	Minimum expectations will be established for all staff on what work needs to be done with Technology Integration Specialist.
Benchmark 3:	Rationale:	Staff Responsible	Indicators of Success:
Online Curriculum Mapping	Converting our curriculum maps to a digital version will allow the district to run diagnostic reports on gaps and overlaps in the curriculum. It will also promote vertical articulation due to the ease of access.	All teaching staff	Curriculum Maps will be completed and posted on the district website.

Goal 4: Supporting a well-planned infrastructure that is able to respond to the rigorous demands of integrated technology.

YEAR 1: 2016-2017

Benchmark 1:	Rationale:	Staff Responsible	Indicators of Success:
Research and install fiber optic cable at the Laraway School Campus.	Installing fiber optic cable at Laraway will increase the reliability and predictability of the internet. This will promote trust in the network and use my teachers.	District Technology Director Superintendent	Fiber optic cable will be installed by the end of the 2016-2017 school year.
Benchmark 2:	Rationale:	Staff Responsible	Indicators of Success:
Create technology infrastructure plans for new school.	We will work with the architects and construction team to make sure the new school will meet the future technology needs of the school district.	All Staff Technology Integration Specialist	Meet with the architect and review technology needs and expectations of the new school.

YEAR 2: 2017-2018

Benchmark 1:	Rationale:	Staff Responsible	Indicators of Success:
Review and monitor technology infrastructure plans for new school.	We will work with the architects and construction team to make sure the new school will meet the future technology needs of the school district.	District Technology Director Superintendent	Successful construction of a technology infrastructure that meets the needs discussed in meetings with the architect and construction team.
Benchmark 2:	Rationale:	Staff Responsible	Indicators of Success:
Research and decide on the district 1:1 device roll out.	To fully integrate technology into teaching and learning all students will need access to a computer device.	District Technology and Innovation Committee (DTIC)	A 1:1 roll out program will be developed by Spring of 2018.

YEAR 3: 2018-2019

Benchmark 1:	Rationale:	Staff Responsible	Indicators of Success:
Review and monitor technology infrastructure in new school.	Review and monitor the infrastructure of the new school to make sure all technology needs are being met.	District Technology Director Superintendent	District Technology Director will report on the infrastructure and network at monthly administrative council meetings.
Benchmark 2:	Rationale:	Staff Responsible	Indicators of Success:
Implement district 1:1 device roll out.	To fully integrate technology into teaching and learning all students will need access to a computer device.	All Staff District Technology and Innovation Committee (DTIC)	Full implementation of the district 1:1 roll out.