I. District LEA Information

Page Last Modified: 01/24/2022

- 1. What is the name of the district administrator responsible for entering the Instructional Technology Plan data? Melinda McCool
- 2. What is the title of the district administrator responsible for entering the Instructional Technology Plan data?

Superintendent

II. Strategic Technology Planning

Page Last Modified: 05/04/2022

1. What is the overall district mission?

The Mission of the McGraw Central School District is to pursue the maximum fulfillment of each student's potential. We will accomplish this by identifying student outcomes based on excellence, fostering and enhancing student opportunities, emphasizing student enthusiasm, and promoting parent, school, and community involvement.

2. What is the vision statement that guides instructional technology use in the district?

The McGraw Central School District will utilize technology to provide a supportive instructional environment to achieve the maximum potential for student learning.

- The District will address improving student achievement by utilizing technology to acquire skills to thrive within a technologically complex and dynamic world.
- Improvement will revolve around the acquisition of technology, professional development for teachers, staff, implementation and development of teacher curriculum to integrate new and existing technology.
- The district will increase the number of technology applications and educational content for teachers and students in order to utilize technology and support student learning to its fullest capacity.

II. Strategic Technology Planning

Page Last Modified: 05/04/2022

3. Summarize the planning process used to develop answers to the Instructional Technology Plan questions and/or your district comprehensive Instructional Technology Plan. Please include the stakeholder groups participating and the outcomes of the instructional technology plan development meetings.

The district completed an Instructional Technology assessment survey. The survey was completed by faculty and staff. The McGraw Central School District also holds quarterly Technology Team meetings consisting of the following team members and their positions: Dan Briggs High School Teacher James Sanderson Tech/Industrial Arts teacher Mark Dimorier High School Principal, Community Member Melinda McCool District Superintendent Pam Coombs High School Business and Careers Teacher Susan Prince Elementary School Principal Joe Seamans High School Teacher Erin Dimorier Elemantary School Teacher Heather Frink Elementary School Teacher Erik Wehling High School Teacher Ethan Brown High School Teacher Tracey O'Donnell Elementary School Teacher Rebecca Cornell Elementary School Media Specialist, community Member Kristina Maricle McGraw School Board Member, Parent

Kevin Solan Technology Director

McGraw CSD considers this technology team to be our primary stakeholder group for this technology plan development. Every meeting since January 2016 Smart Schools Bond Act information has been shared with the group and the committee discussed ideas and initiatives where the district would like to concentrate their efforts. So that the district may better support technologies now and in the future, the committee agreed that it was a priority to increase network capacity on the district's wired and wireless networks, add school security camera systems and upgrade other technologies. Instructional technology is also discussed, shared and forwarded to administration for approval as appropriate.

McGraw Central School District (MCSD) plans professional learning in consultation with its Curriculum Council Committee, in order to increase educator effectiveness and results for all students. It is the mission of this committee to promote and support excellent instruction by providing leadership and direction, varied opportunities, and incentives for staff members to continue professional learning throughout their careers in a safe, supportive environment.

The Curriculum Council Committee is composed of representatives from elementary, junior high and high school, as well as the Superintendent, and three administrators. It is convened by the Director of Curriculum, operates by consensus decision-making processes, and meetings are open to all interested persons. The District Technology Director works with the committee to support planning and implementation of professional learning.

The Curriculum Council Committee meets monthly, with additional meetings on an as needed basis, to plan for staff learning throughout the year.

The District encourages staff to participate in a variety of professional learning activities:

Superintendent's Conference Day/Staff Development Day workshops

Instructional program presentations (including consultants, in-house presenters, tum-key trainers, study groups)

II. Strategic Technology Planning

Page Last Modified: 05/04/2022

- Curriculum writing
- Instructional staff meetings, conferences, workshops, and site visitations
- Teacher Center, BOCES, NYSUT, RBERN workshops
- Independent study
- Summer professional learning opportunities
- Webinars
- Other professional training with administrative approval
- · Collaborative self-directed professional learning
- Instructional Rounds
- Needs/Data Analysis for McGraw's Professional Learning Plan

Themes for staff learning are targeted and needs are prioritized based on goals set by the Curriculum Council Committee and Board of

Education, common assessment data and state assessment data, staff surveys, New York State Learning Standards, and the McGraw Central School Report Card.

Themes include:

- 1. Implementation of all NYS Learning Standards
- 2. Technology skills and curriculum integration
- 3. Effective instructional techniques
- 4. Coordination of curriculum across grade and content area
- 5. Literacy for all students
- 6. Behavioral support for students
- 7. Standard-based IEP alignment
- 8. Support for (English as New Learners) ENL students
- 9. Character Education and positive school climate
- 10. Improving performance of students living in poverty
- 11. Crisis Prevention and Intervention Training

12. Health and safety

Needs Assessment Sources Used

Current research on effective practices

- School Report Card
- BEDS data
- Student attendance rates
- Graduation and dropout rates
- · Benchmarks for student performance
- Teacher surveys
- Teacher self-reflection
- Data Warehouse
- SED priorities and initiatives
- Technology needs assessment
- · Local/State assessments- STAR, Regents, 3-8 Assessments, Achieve 3000, Castle Learning
- Strategic planning process

II. Strategic Technology Planning

Page Last Modified: 05/04/2022

Response to Intervention (RTI)
Universal Screening Instruments- DIAL 4

Instructional Rounds

Theses groups collectively contributed to the development of this plan over the course of 5 Curriculum Council and three Technology Committee meetings and participation in a shared document from September 2021 through March 2022. Individuals on the committees additionally gathered information from stakeholders outside of the committees for additional input including support staff, other teachers, parents and students. This information was shared in the group's Google Document.

4. How does the district's Instructional Technology Plan build upon, continue the work of, and improve upon the previous three-year plan?

The planning process is very similar to previous years. The individual stakeholders have changed but the representation of groups has been constant. The district continues to look ahead 3-5 years in an effort to stay ahead of progress and address the needs of our students as they arise. New initiatives are taken on as tasks are completed.

The use of shared documents allowed for a more fluid development of the plan. More voices were included as the group delegated the committee members to get feedback from others and record it for the whole group.

The district has made excellent progress on previous goals and intends to build upon those to best meet the future needs of our students, the learning environment, and the improved programming.

Goals are continually revisited and revised through the Technology Committee and Curriculum Council as needs change. Action Steps are carried out through delegation of the committee members in smaller settings such as faculty meetings, department meetings, community committee meetings, BOE policy meetings, and administrative meetings.

5. How does the district Instructional Technology Plan reflect experiences during the COVID pandemic?

Trainings for online and blending learning occurred for all faculty and will continue to be a part of the district's Professional Development. The district has employed the use of mifi units to assist families that are unable to secure internet at home.

Devices are now at the 1:1 level and are on a rotating replacement plan through leases arranged with our BOCES.

Instructional Coaches have been employed as of 2021 and have provided an increase in professional development aligned with technology integration and instructional delivery.

Technology has been incorporated and integrated as a regular tool in coursework PK-12. Google Classroom and the supporting suite is utilized regularly.

Parents have been surveyed both electronically and through hard copy survey for input on technology use. As a small district, several staff members serve on the technology committee as both a teacher and parent, board member and parent, or staff member and community member.

6. Is your district currently fully 1:1?

Yes

II. Strategic Technology Planning

Page Last Modified: 05/04/2022

7. Please describe the professional development plan for building the capacity of educators and administrators in the attainment of the instructional technology vision as stated in response to question 2.

Technology

The McGraw Central School District Technology Plan calls for staff competencies in technology relating to instructional practice and integration with curriculum standards.

	ium stanuarus.				
Focus Element	Activity (ies)	Resources	Who	Time Frame	Performance Measure / Data
					Source
Best Practices • Communication • Internet Usage • Individual Devices	 Training for Third Party Applications Training for Law 2D Webinars Conferences 	•Google Apps •Interactive Boards •SMART Boards •Ensemble	All Instructional Staff	On-going	 Observations Surveys Usage Reports
	Workshops				
Application of	Workshops/	Wonder Online	All Instructional Staff	On-going	Observations
Instructional	Training	•Carolina Science			Effective use of
Resources	Castle Learning	•Scholastic(Digital			My Learning Plan
Internet Usage	Renaissance	Format)			 Integration into
Individual	Learning (STAR)	•Reflex			curriculum and
Devices	Frontline	•eMATHinstruction			instructional
Interactive Board	Education RTI	•Castle Learning			strategies
Coding	Direct	•STAR			Usage Reports
Keyboarding	Achieve 3000	•Digital Citizenship			Surveys
Online Resources		Program			
Google Apps for		Microsoft Suite			
Education		•Raspberry Pi			
Wonders ELA					
Curriculum					
ISTE Standards					
Digital Citizenship					

II. Strategic Technology Planning

Page Last Modified: 05/04/2022

AV Production (more explicit)	Integration of Technological Advances •Website Creation CAD Technology •Mechanical Drawing	Workshops/ Training • Drones • VR Units • Sphero Packs • STEM/STEAM • Robotics • 3-D Printers	•Coding Program •Math and Finance Program	All Instructional Staff	On-going	 Course Offerings Course Enrollment Usage Reports

III. Goal Attainment

Page Last Modified: 03/17/2022

Overview: In this new section, the District is asked to outline the extent to which they have achieved, at the local level, goals put forth in the 2010 Statewide Learning Technology Plan.

1. Digital Content – The District uses standards-based, accessible digital content that supports all curricula for all learners.

The district has met this goal:

Significantly

2. Digital Use – The District's learners, teachers, and administrators are proficient in the use of technology for learning.

The district has met this goal:

Significantly

3. Digital Capacity and Access – The District's technology infrastructure supports learning and teaching in all of the District's environments.

The district has met this goal:

Significantly

4. Leadership – The District Instructional Technology Plan is in alignment with the Statewide Learning Technology Plan vision. The district has met this goal:

Significantly

5. Accountability – District-level information is posted on the District website, is easy to access, and is easily understood. Information provided includes the results achieved by the District in their efforts to enable students to build knowledge, master skills, and grasp opportunities for a better life.

The district has met this goal:

Significantly

IV. Action Plan - Goal 1

Page Last Modified: 05/09/2022

IV. Action Plan - Goal 1

Page Last Modified: 05/09/2022

1. Enter Goal 1 below:

integration with curricu	lum standards.			1	
Focus Element	Activity (ies)	Resources	Who	Time Frame	Performance
					Measure / Data
					Source
Best Practices	Training for Third	•Google Apps	All Instructional Staff	On-going	Observations
 Communication 	Party Applications	•Interactive Boards			Surveys
 Internet Usage 	Training for Law	•SMART Boards			Usage Reports
 Individual 	2D	•Ensemble			
Devices	Webinars				
	Conferences				
	Workshops				
Application of	Workshops/	Wonder Online	All Instructional Staff	On-going	Observations
Instructional	Training	•Carolina Science			Effective use of
Resources	Castle Learning	•Scholastic(Digital			My Learning Plan
Internet Usage	Renaissance	Format)			 Integration into
 Individual 	Learning (STAR)	•Reflux			curriculum and
Devices	Frontline	•eMATHinstruction			instructional
Interactive Board	Education RTI	•Castle Learning			strategies
Coding	Direct	•STAR			Usage Reports
 Keyboarding 	Achieve 3000	•Digital Citizenship			Surveys
Online Resources		Program			
Google Apps for		•Microsoft Suite			
Education		•Raspberry Pi			
Wonders ELA					
Curriculum					
ISTE Standards					
Digital Citizenship					

IV. Action Plan - Goal 1

Page Last Modified: 05/09/2022

Integration of	Workshops/	•Coding Program	All Instructional Staff	On-going	Course Offerings
Technological	Training	•Math and Finance			Course
Advances	• Drones	Program			Enrollment
•Website Creation	VR Units				Usage Reports
CAD Technology	Sphero Packs				
•Mechanical Drawing	• STEM/STEAM				
	Robotics				
	3-D Printers				
	AV Production				
	(more explicit)				

2. Select the NYSED goal that best aligns with this district goal.

Provide access to relevant and rigorous professional development to ensure educators and leaders are proficient in the integration of learning technologies

3. Target Student Population(s). Check all that apply.

- All students
- □ Early Learning (Pre-K -3)
- □ Elementary/intermediate
- Middle School
- High School
- Students with Disabilities
- English Language Learners

□ Students who are migratory or seasonal farmworkers, or children of such workers

□ Students experiencing homelessness and/or

housing insecurity

- Economically disadvantaged students
- □ Students between the ages of 18-21
- □ Students who are targeted for dropout
- prevention or credit recovery programs
- $\hfill\square$ Students who do not have adequate access to
- computing devices and/or high-speed internet at
- their places of residence
- Students who do not have internet access at
- their place of residence
- □ Students in foster care
- □ Students in juvenile justice system settings
- □ Vulnerable populations/vulnerable students
- □ Other (please identify in Question 3a, below)

4. Additional Target Population(s). Check all that apply.

- ☑ Teachers/Teacher Aides
- Administrators
- Parents/Guardians/Families/School Community
- Technology Integration Specialists
- □ Other

IV. Action Plan - Goal 1

Page Last Modified: 05/09/2022

5. How will this instructional technology goal be measured and evaluated during and after implementation? Be sure to include any tools and/or metrics that are part of this evaluation process. Examples might be formative data, local, state, and/or national LEA benchmarks, metrics from instructional software, other technology evaluation programs, etc.

Observations	
• Surveys	
Usage Reports	
Observations	
Effective use of My Learning Plan	
• Integration into curriculum and instructional strate	egies
Usage Reports	
• Surveys	
Course Offerings	
Course Enrollment	
Usage Reports	

and at all scheduled technology committee meetings. Adjustments for appropriate professional developments will be made through accurate evaluation of the data and goal setting procedures. As specific tools are updated and change, new goals will be be created.

6. List the action steps that correspond to Goal #1 from your answer to Question 1, above. All cells in the table must be populated. If you have less than four action steps for this goal, you must enter N/A into columns two, three, four, five, and seven, and choose June 30, 2021 in the date column for all unneeded rows in the table.

	Action Step	Action Step - Description	Responsible Stakeholder:	'Other' Responsible Stakeholder	Anticipa ted date of complet ion	Anticipated Cost
Action Step 1	Budgeting	Budget funds for professional development yearly	Business Official	N/A	06/30/2 025	200, 000
Action Step 2	Curriculum	Ensure that curriculum maps include use of technology imbedded in all content	Curriculum and Instruction Leader	N/A	06/30/2 025	0
Action Step 3	Evaluation	Evaluate the success of the PD and use results to suggest next steps for PD	Assistant Superintendent	N/A	06/30/2 025	0
Action Step 4	Professional	Coordinate the PD for	Building	N/A	06/30/2	0

IV. Action Plan - Goal 1

Page Last Modified: 05/09/2022

Action Step	Action Step -	Responsible	'Other' Responsible	Anticipa	Anticipated Cost
	Description	Stakeholder:	Stakeholder	ted date	
				of	
				complet	
				ion	
Development	instructional staff and admin to remain current	Principal		025	

7. This question is optional.

If more action steps are needed, continue to list the action steps that correspond to Goal #1 from your answer to Question 1, above.

	Action Step	Action Step -	Responsible	"Other" Responsible	-	Anticipated Cost
		Description	Stakeholder:	Stakeholder	ted date	
					of	
					complet	
					ion	
Action Step 5	(No Response)	(No Response)	(No Response)	(No Response)	(No	(No Response)
					Respo	
					nse)	
Action Step 6	(No Response)	(No Response)	(No Response)	(No Response)	(No	(No Response)
					Respo	
					nse)	
Action Step 7	(No Response)	(No Response)	(No Response)	(No Response)	(No	(No Response)
					Respo	
					nse)	
Action Step 8	(No Response)	(No Response)	(No Response)	(No Response)	(No	(No Response)
					Respo	
					nse)	

IV. Action Plan - Goal 2

Page Last Modified: 05/09/2022

1. Enter Goal 2 below:

Provide instruction for safe and responsible use of technology. As we see an increase in social media presence and the impact that this has our student behaviors in school, we intend to increase our efforts to instruct responsible use of technology. Additionally we will include instruction to those with an online presence additional resources to avoid false information and traps that may present dangerous situations to students and their technological tools.

2. Select the NYSED goal that best aligns with this district goal.

Provide technology-enhanced, culturally- and linguistically-responsive learning environments to support improved teaching and learning

3. Target Student Population(s). Check all that apply.

- ☑ All students
- □ Early Learning (Pre-K -3)
- □ Elementary/intermediate
- ☑ Middle School
- High School
- Students with Disabilities
- □ English Language Learners
- □ Students who are migratory or seasonal
- farmworkers, or children of such workers
- □ Students experiencing homelessness and/or
- housing insecurity

- Economically disadvantaged students
- Students between the ages of 18-21
- □ Students who are targeted for dropout
- prevention or credit recovery programs
- □ Students who do not have adequate access to
- computing devices and/or high-speed internet at
- their places of residence
- □ Students who do not have internet access at
- their place of residence
- Students in foster care
- □ Students in juvenile justice system settings
- □ Vulnerable populations/vulnerable students
- □ Other (please identify in Question 3a, below)

4. Additional Target Population(s). Check all that apply.

- ☑ Teachers/Teacher Aides
- Administrators
- ☑ Parents/Guardians/Families/School Community
- Technology Integration Specialists
- □ Other

IV. Action Plan - Goal 2

Page Last Modified: 05/09/2022

5. How will this instructional technology goal be measured and evaluated during and after implementation? Be sure to include any tools and/or metrics that are part of this evaluation process. Examples might be formative data, local, state, and/or national LEA benchmarks, metrics from instructional software, other technology evaluation programs, etc.

The district will review discipline records to evaluate the number of instances that a conflict started through a technological communication tool. By more responsible use, the hope is that there will be less connection between discipline and online conflicts. In addition the technology department will keep records of SPAM infiltration and share with administration, technology committee members. Additional training will take place for students and staff as it is deemed necessary.

Teachers will report to the instructional coaches the appropriate or inappropriate use of internet resources on student assignments. Additional lessons will be provided with the collaboration of the instructional coaches in classes that require that assistance.

6. List the action steps that correspond to Goal #2 from your answer to Question 1, above. All cells in the table must be populated. If you have less than four action steps for this goal, you must enter N/A into columns two, three, four, five, and seven, and choose June 30, 2021 in the date column for all unneeded rows in the table.

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipa ted date of complet ion	Anticipated Cost
Action Step 1	Curriculum	Curriculum will be assigned to each grade level for internet safety	Library Media Specialist	Principal	09/01/2 023	5,000
Action Step 2	Infrastructure	Filtering and instruction on SPAM will take place yearly	Director of Technology	N/A	09/01/2 023	0
Action Step 3	Implementation	Follow up on instructional practices regarding safety will occur through teacher observations	Building Principal	N/A	06/30/2 023	0
Action Step 4	Evaluation	Data will be reviewed yearly to ensure progress	Instructional/PD Coach	Principals	06/30/2 023	0

7. This question is optional.

If more action steps are needed, continue to list the action steps that correspond to Goal #2 from your answer to Question 1, above.

IV. Action Plan - Goal 2

Page Last Modified: 05/09/2022

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipa ted date	Anticipated Cost
		Description	Glakerouder.	Glakerolder	of complet	
Action Step 5	(No Response)	(No Response)	(No Response)	(No Response)	(No Respo nse)	(No Response)
Action Step 6	(No Response)	(No Response)	(No Response)	(No Response)	(No Respo nse)	(No Response)
Action Step 7	(No Response)	(No Response)	(No Response)	(No Response)	(No Respo nse)	(No Response)
Action Step 8	(No Response)	(No Response)	(No Response)	(No Response)	(No Respo nse)	(No Response)

IV. Action Plan - Goal 3

Page Last Modified: 05/09/2022

1. Enter Goal 3 below:

The District will maintain and sustain the existing and future technological infrastructure to support all learning initiatives.

2. Select the NYSED goal that best aligns with this district goal.

Design, implement, and sustain a robust, secure network to ensure sufficient, reliable high-speed connectivity for learners, educators, and leaders

3. Target Student Population(s). Check all that apply.

- ☑ All students
- □ Early Learning (Pre-K -3)
- □ Elementary/intermediate
- Middle School
- □ High School
- □ Students with Disabilities
- □ English Language Learners
- □ Students who are migratory or seasonal

farmworkers, or children of such workers

Students experiencing homelessness and/or

housing insecurity

- Economically disadvantaged students
- □ Students between the ages of 18-21
- Students who are targeted for dropout

prevention or credit recovery programs

Students who do not have adequate access to

computing devices and/or high-speed internet at

their places of residence

- □ Students who do not have internet access at
- their place of residence
- Students in foster care
- □ Students in juvenile justice system settings
- Vulnerable populations/vulnerable students
- □ Other (please identify in Question 3a, below)

4. Additional Target Population(s). Check all that apply.

- Teachers/Teacher Aides
- Administrators
- ☑ Parents/Guardians/Families/School Community
- Technology Integration Specialists
- □ Other

5. How will this instructional technology goal be measured and evaluated during and after implementation? Be sure to include any tools and/or metrics that are part of this evaluation process. Examples might be formative data, local, state, and/or national LEA benchmarks, metrics from instructional software, other technology evaluation programs, etc.

The Director of Technology will create a rotation plan for maintenance and replacement of technology equipment to best meet the needs of the entire school. The Director of Technology will monitor capicty on the equipment to ensure that the infrastructure remains compatible with instructional practices. This information will be shared with the Board of Education, the administrative team, and the Technology Committee. Feedback will be accepted from all groups.

6. List the action steps that correspond to Goal #3 from your answer to Question 1, above. All cells in the table must be populated. If you have less than four action steps for this goal, you must enter N/A into columns two, three, four, five, and seven, and choose June 30, 2021 in the date column for all unneeded rows in the table.

IV. Action Plan - Goal 3

Page Last Modified: 05/09/2022

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipa ted date of complet ion	
Action Step 1	Budgeting	Create a 5 year plan for replacement and maintenance contracts for infrastructure and technological tools	Director of Technology	Business Official	09/01/2 022	0
Action Step 2	Infrastructure	Evaluate the infrastructure yearly for improvements and necessary additions and repairs	Director of Technology	N/A	09/01/2 022	0
Action Step 3	Cybersecurity	Work with BOCES and insurance company to comply with new laws and expectations for security of our tech systems	Director of Technology	Assistant Superintendent	09/01/2 022	0
Action Step 4	Cybersecurity	Multi factor authentication	Director of Technology	Assistant Superintendent	09/01/2 022	1,500

7. This question is optional.

If more action steps are needed, continue to list the action steps that correspond to Goal #3 from your answer to Question 1, above.

	Action Step	Action Step -	Responsible	"Other" Responsible		Anticipated Cost
		Description	Stakeholder:	Stakeholder	ted date of	
					complet	
Action Step 5	(No Response)	(No Response)	(No Response)	(No Response)	ion (No Respo nse)	(No Response)
Action Step 6	(No Response)	(No Response)	(No Response)	(No Response)	(No Respo nse)	(No Response)
Action Step 7	(No Response)	(No Response)	(No Response)	(No Response)	(No Respo nse)	(No Response)
Action Step 8	(No Response)	(No Response)	(No Response)	(No Response)	(No Respo nse)	(No Response)

IV. Action Plan - Goal 3

Page Last Modified: 05/09/2022

8. Would you like to list a fourth goal?

No

V. NYSED Initiatives Alignment

Page Last Modified: 05/04/2022

1. Explain how the district use of instructional technology will serve as a part of a comprehensive and sustained effort to support rigorous academic standards attainment and performance improvement for students.

Technology is integrated through teaching and learning throughout the district in a variety of ways. The use of the Google Classroom Platform has become common place in classrooms at the 3-12 levels. Class Dojo has been utilized as a parent participation platform in the elementary grades. Several programs such as STAR and Achieve 3000 are utilized for data review to determine student growth in reading and mathematics. Textbook purchases now include technology portions that teachers utilize to facilitate learning and provide additional methodologies for learning. These purchased products and Google Platform are utilized by students to increase student achievement, assist with more individualized instruction, and to guide academic programming and instructional practice for the greatest success. All students have access to a device in their classroom setting. The district has charging stations set up in work areas so that students may bring in their own device if they choose to do so. The SSIP included upgrades to our infrastructure and wifi access points throughout the district's two buildings. Wifi is accessible everywhere in the school buildings and for quite a distance outside of the buildings.

2. Explain the strategies the district plans to implement to address the need to provide equitable learning "everywhere, all the time" (National Technology Plan). Include both short and long-term solutions, such as device access, internet access, human capacity, infrastructure, partnerships, etc.

The District intends to provide equitable learning to all students. Currently every student has access to a district owned device. The District has a 5 year rotation to ensure that these devices are regularly upgraded so that all students continue to have access in the future. Internet access is available throughout the district buildings and a guest network is available for use in the outside areas on school property for people to use when in need. Additionally the district purchases wifi accessibility contracts and distributes Mifi units to families that are in financial need for them. The district has taken part in several community surveys to discuss the areas where internet capabilities do not exist currently. The technology director has a continually updated 5 year plan for the updating and improvement of the infrastructure. The latest budget cycle discussed the need for an additional technology employee for the district in order to maintain the current equipment, programs, and apps while remaining compliance with safety measures.

3. Students with disabilities may be served through the use of instructional technology as well as assistive technology devices and services to ensure access to and participation in the general education curriculum. Describe how instruction using technology is differentiated to support the individual learning needs of students with disabilities.

Students with disabilities are all assigned devices that are best used for their individual needs. The district has several special class classrooms. The District works with OCM BOCES to determine specific apps such as Proloquo2Go which is a speaking application to help with communication. This particular item is best used on an iPad and the district provides that device as needed. Although most students have a chromebook, many times special education students need the computing that is available on a laptop and in that case, the student would have access to a laptop instead of a chromebook. Teachers utilize flipped classroom instruction and online resource links to offer additional support for those in need of reteaching. These resources help other special educators in resource room settings, parents assisting with homework, and students taking advantage of multiple resources to meet their own needs independently. Video clips and read along software are used for many content areas in addition to English Language Arts. Personal equipment such as headphones are available for all students and are used by choice. The district has increased the use of video ability of its devices as many teachers are adding a performance or presentation to their technological repertoire of final project options.

V. NYSED Initiatives Alignment

Page Last Modified: 05/04/2022

4. How does the district utilize technology to address the needs of students with disabilities to ensure equitable access to instruction, materials, and assessments? Please check all that apply from the provided options and/or check 'Other' for options not available on the list.

☑ Class lesson plans, materials, and assignment instructions are available to students and families for "anytime, anywhere" access

(such as through a class website or learning management system).

- Direct instruction is recorded and provided for students to access asynchronously (such as through a learning management system
- or private online video channel).
- I Technology is used to provide additional ways to access key content, such as providing videos or other visuals to supplement verbal
- or written instruction or content.

Text to speech and/or speech to text software is utilized to provide increased support for comprehension of written or verbal language.

- Assistive technology is utilized.
- ☑ Technology is used to increase options for students to demonstrate knowledge and skill.
- ☑ Learning games and other interactive software are used to supplement instruction.
- □ Other (please identify in Question 4a, below)

5. Please select the professional development that will be offered to teachers of students with disabilities that will enable them to differentiate learning and to increase student language and content learning through the use of technology. Please check all that apply from the provided options and/or check 'Other' for options not available on the list.

Technology to support writers in the	Using technology as a way for students with
elementary classroom	disabilities to demonstrate their knowledge and
Technology to support writers in the	skills
secondary classroom	Multiple ways of assessing student learning
Research, writing and technology in a digital	through technology
world	Electronic communication and collaboration
Enhancing children's vocabulary development	Promotion of model digital citizenship and
with technology	responsibility
Reading strategies through technology for	Integrating technology and curriculum across
students with disabilities	core content areas
Choosing assistive technology for instructional	Helping students with disabilities to connect
purposes in the special education classroom	with the world
Using technology to differentiate instruction in	□ Other (please identify in Question 5a, below)
the special education classroom	

V. NYSED Initiatives Alignment

Page Last Modified: 05/04/2022

6. How does the district utilize technology to address the needs of English Language Learners to ensure equitable access to instruction, materials, and assessments? Please check all that apply from the provided options and/or check 'Other' for options not available on the list.

Class lesson plans, materials, and assignment instructions are available to students and families for "anytime, anywhere" access

(such as through class website or learning management system).

□ Direct instruction is recorded and provided for students to access asynchronously (such as through a learning management system or private online video channel).

□ Technology is used to provide additional ways to access key content, such as providing videos or other visuals to supplement verbal or written instruction or content.

□ Text to speech and/or speech to text software is utilized to provide increased support for comprehension of written or verbal language.

□ Home language dictionaries and translation programs are provided through technology.

□ Hardware that supports ELL student learning, such as home-language keyboards, translation pens, and/or interactive whiteboards, is utilized.

□ Technology is used to increase options for students to demonstrate knowledge and skill, such as through the creation of a product or recording of an oral response.

□ Learning games and other interactive software are used to supplement instruction.

☑ Other (Please identify in Question 6a, below)

6a. If 'Other' was selected in Question 6 above, please explain here.

McGraw has no ELL students.

7. The district's Instructional Technology Plan addresses the needs of English Language Learners to ensure equitable access to instruction, materials, and assessments in multiple languages.

No

V. NYSED Initiatives Alignment

Page Last Modified: 05/04/2022

8. Please select the professional development that will be offered to teachers of English Language Learners that will enable them to differentiate learning and to increase their student language development and content learning with the use of technology. Please check all that apply from the provided options and/or check 'Other' for options not available on the list.

Technology to support writers in the	Multiple ways of assessing student learning
elementary classroom	through technology
Technology to support writers in the	Electronic communication and collaboration
secondary classroom	Promotion of model digital citizenship and
Research, writing and technology in a digital	responsibility
world	Integrating technology and curriculum across
Writing and technology workshop for teachers	core content areas
Enhancing children's vocabulary development	Web authoring tools
with technology	Helping students connect with the world
Writer's workshop in the Bilingual classroom	□ The interactive whiteboard and language
Reading strategies for English Language	learning
Learners	Use camera for documentation
Moving from learning letters to learning to	Other (please identify in Question 8a, below)
read	
The power of technology to support language	
acquisition	
Using technology to differentiate instruction in	
the language classroom	

^{8a.} If 'Other' was selected in Question 8 above, please explain here.

McGraw has no ELL students.

V. NYSED Initiatives Alignment

Page Last Modified: 05/04/2022

9. How does the district utilize technology to address the needs of students experiencing homelessness and/or housing insecurity to ensure equitable access to instruction and learning? Please check all that apply from the provided options and/or check 'Other' for options not available on the list.

McKinney-Vento
information is prominently
located on individual school
websites, as well as the district
website.

□ If available,

online/enrollment is easily accessible, written in an understandable manner, available in multiple languages and accessible from a phone. Offer/phone/enrollment as an alternative to/inperson/enrollment.

 Set enrollment forms to automatically provide the McKinney-Vento liaison with contact information for students who indicate possible homelessness and/or housing

insecurity

Create a survey to obtain information/about students' living situations,/contact information,/access to internet and devices for/all/students in/the/enrollment processes/so the district can/communicate effectively and/evaluate their needs.

 Create simple videos in multiple languages, and with subtitles, that explain
 McKinney-Vento rights and services, identify the
 McKinney-Vento liaison, and Provide students a way to protect and charge any devices they are provided/with/by the district.

Replace devices that are damaged or stolen/as needed.
 Assess readiness-to-use technology/skills/before disseminating devices to students experiencing homelessness and/or housing insecurity.

Create individualized plans
 for providing access to
 technology and internet on a
 case-by-case basis for any
 student experiencing
 homelessness and/or housing
 insecurity.

Have/resources/available
 to/get/families and students
 step-by-step instructions on
 how to/set-up and/use/their
 districts Learning Management
 System or website.
 Class lesson plans,

materials, and assignment instructions are available to students and families for Direct instruction is recorded and provided for students to access asynchronously (such as through a learning management system, DVD,/ or

private online video channel)./

Conduct regular educational check-ins with all students experiencing homelessness and/or housing insecurity and secure any help needed to keep up with course work. Adjust assignments/to be completed successfully using/only/the/resources students have available./ Provide online mentoring programs. Create in-person and webbased tutoring/programs/spaces/and/o r live chats/to assist with assignments and technology/issues. □ Offer a technology/support hotline during flexible hours. □ Make sure technology/support is offered in multiple languages. Other (Please identify in Question 9a, below)

V. NYSED Initiatives Alignment

Page Last Modified: 05/04/2022

clarify enrollment instructions.	☑ Technology is used to
Create mobile enrollment	provide additional ways to
stations by equipping buses	access key content, such as
with laptops, internet, and staff	providing videos or other
at peak enrollment periods.	visuals to supplement verbal or
	written instruction or content.
Provide/students/experiencing	
homelessness/and/or housing	
insecurity with tablets or	
laptops, mobile hotspots,	
prepaid cell phones, and other	
devices and connectivity.	

10. How does the district use instructional technology to facilitate culturally responsive instruction and learning environments? Please check all that apply from the provided options and/or check 'Other' for options not available on the list.

a) The district uses instructional technology to strengthen relationships and connections with families to assist in building a culturally responsive learning environment to enhance student learning.

□ b) The district uses instructional technology to facilitate classroom projects that involve the community.

☑ c) The district uses instructional technology to develop and organize coherent and relevant units, lessons, and learning tasks that build upon students' cultural backgrounds and experiences.

☑ d) The district uses instructional technology to assist in varying teaching approaches to accommodate diverse learning styles and language proficiencies.

□ e) The district uses instructional technology to enable students to communicate and collaborate with students in different schools or districts in New York State, the United States, or with different countries.

☑ f) The district uses instructional technology to facilitate collaborative classroom projects among heterogeneous student groups.

□ g) Other (please identify in Question 10a, below)

VI. Administrative Management Plan

Page Last Modified: 05/04/2022

1. Staff Plan

Provide the Full-Time Equivalent (FTE) count, as of plan submission date, of all staff whose primary responsibility is delivering technology integration training and support and/or technical support.

	Full-time Equivalent (FTE)
District Technology Leadership	1.00
Instructional Support	0.50
Technical Support	0.50
Totals:	2.00

2. Investment Plan

Provide a three-year investment plan to support the vision and goals. All costs must be calculated for the entire three year-period, not annualized. For example, if a cost occurs annually, the estimated cost should include the annual cost times three.

Provide a three-year investment plan to support the vision in Section II and goals in Section IV.

A chart with drop-down choices is provided in order for NYSED to obtain consistent responses to this question.

All cells in the table must be populated. If you have less than four items in your plan, you must choose N/A for columns one, two, four, five and six, and put zero in column three (estimated cost) for each unneeded row.

	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One- time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
1	Network and Infrastructure	N/A	300,000	One-time	 BOCES Co- Ser purchase District Operating Budget District Public Bond E-Rate Grants Instructional Materials Aid Instructional Resources Aid Smart Schools Bond Act Other (please identify in next column, 	N/A

VI. Administrative Management Plan

Page Last Modified: 05/04/2022

	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One- time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
					to the right) □ N/A	
2	Staffing	N/A	50,000	Annual	 BOCES Co- Ser purchase District Operating Budget District Public Bond E-Rate Grants Instructional Materials Aid Instructional Resources Aid Smart Schools Bond Act Other (please identify) in next column, to the right) N/A 	N/A
3	End User Computing Devices	N/A	100,000	Annual	 BOCES Co- Ser purchase District Operating Budget District Public Bond E-Rate Grants Instructional Materials Aid Instructional 	Stimulus Funds

VI. Administrative Management Plan

Page Last Modified: 05/04/2022

	Anticipated Item	"Other"	Estimated Cost	Is Cost One-	Potential	"Other" Funding
	or Service	Anticipated Item		time, Annual, or	Funding Source	Source
		or Service		Both?		
					Resources Aid	
					□ Smart	
					Schools Bond	
					Act	
					☑ Other	
					(please identify	
					in next column,	
					to the right)	
4		 				
		N/A	50,000	Annual	□ BOCES Co-	N/A
	Professional				Ser purchase	
	Development				District	
					Operating	
					Budget	
					District	
					Public Bond	
					E-Rate	
					□ Grants	
					□ Instructional	
					Materials Aid	
					□ Instructional	
					Resources Aid	
					□ Smart	
					Schools Bond	
					Act	
					□ Other	
					(please identify	
					in next column,	
					to the right)	
					□ N/A	
Totals:			500,000			

3. Has the school district provided for the loan of instructional computer hardware to students legally attending nonpublic schools pursuant to Education Law, section 754?

Yes

VI. Administrative Management Plan

Page Last Modified: 05/04/2022

4. Districts are required to post either the responses to this survey or a more comprehensive technology plan that includes all of the elements in this survey. Please provide the URL here. The URL must link to a public website where the survey or plan can be easily accessed by the community.

Smartschools link-2022 Technology Plan

VII. Sharing Innovative Educational Technology Programs

Page Last Modified: 04/26/2022

1. Please choose one or more topics that reflect an innovative/educational technology program that has been implemented for at least two years at a building or district level. Use 'Other' to share a topic that is not on the list.

□ 1:1 Device Program	Engaging School	Policy, Planning, and
Active Learning	Community through	Leadership
Spaces/Makerspaces	Technology	Professional Development /
Blended and/or Flipped	English Language Learner	Professional Learning
Classrooms	Instruction and Learning	Special Education
Culturally Responsive	with Technology	Instruction and Learning with
Instruction with Technology	☑ Infrastructure	Technology
Data Privacy and Security	OER and Digital Content	Technology Support
Digital Equity Initiatives	Online Learning	Other Topic A
Digital Fluency Standards	Personalized Learning	Other Topic B
		Other Topic C

2. Provide the name, title, and e-mail of the person to be contacted in order to obtain more information about the innovative program(s) at your district.

	Name of Contact Person	Title	Email Address	Innovative Programs
Please complete all columns	Kevin Solan	Director of Technology	ksolan@mcgrawschools.org	□ 1:1 Device
				Program
				Active Learning
				_
				Spaces/Makerspaces
				□ Blended and/or
				Flipped Classrooms
				Culturally
				Responsive
				Instruction with
				Technology
				Data Privacy and
				Security
				Digital Equity
				Initiatives
				Digital Fluency
				Standards
				Engaging School
				Community through
				Technology
				English Language
				Learner
				Instruction and

VII. Sharing Innovative Educational Technology Programs

Page Last Modified: 04/26/2022

Nome of Contest Deves	Title		
Name of Contact Person	Title	Email Address	Innovative Programs
			Learning with
			Technology
			☑ Infrastructure
			OER and Digital
			Content
			Online Learning
			Personalized
			Learning
			Policy, Planning,
			and Leadership
			Professional
			Development /
			Professional
			Learning
			□ Special Education
			Instruction and
			Learning with
			Technology
			Technology
			Support
			Other Topic A
			Other Topic B
			Other Topic C

3. If you want to list multiple contact points for the innovative programs above, please provide the names, titles, and e-mail addresses of the people to be contacted to obtain more information about the innovative program(s) at your district.

	Name of Contact Person	Title	Email Address	Innovative Programs
Please complete all columns	(No Response)	(No Response)	(No Response)	□ 1:1 Device
				Program
				Active Learning
				Spaces/Makerspaces
				□ Blended and/or
				Flipped Classrooms
				Culturally
				Responsive
				Instruction with
				Technology

VII. Sharing Innovative Educational Technology Programs

Page Last Modified: 04/26/2022

	Name of Contact Person	Title	Email Address	Innovative Programs
				Data Privacy and
				Security
				Digital Equity
				Initiatives
				Digital Fluency
				Standards
				Engaging School
				Community through
				Technology
				English Language
				Learner
				Instruction and
				Learning with
				Technology
				□ Infrastructure
				OER and Digital
				Content
				Online Learning
				Personalized
				Learning
				Policy, Planning,
				and Leadership
				Professional
				Development /
				Professional
				Learning
				□ Special Education
				Instruction and
				Learning with
				Technology
				Technology
				Support
				Other Topic A
				Other Topic B
				Other Topic C
Please complete all columns	(No Response)	(No Response)	(No Response)	□ 1:1 Device
				Program
1				

VII. Sharing Innovative Educational Technology Programs

Page Last Modified: 04/26/2022

	Name of Contact Person	Title	Email Address	Innovative Programs
				Spaces/Makerspaces
				□ Blended and/or
				Flipped Classrooms
				Culturally
				Responsive
				Instruction with
				Technology
				Data Privacy and
				Security
				Digital Equity
				Initiatives
				Digital Fluency
				Standards
				Engaging School
				Community through
				Technology
				English Language
				Learner
				□ Instruction and
				Learning with
				Technology
				□ Infrastructure
				OER and Digital
				Content
				Online Learning
				Personalized
				Learning
				Delicy, Planning,
				and Leadership
				Professional
				Development /
				Professional
				Learning
				Special Education
				Instruction and
				Learning with
				Technology
				□ Technology
L				

VII. Sharing Innovative Educational Technology Programs

Page Last Modified: 04/26/2022

	Name of Contact Person	Title	Email Address	Innovative Programs
				Support Other Topic A Other Topic B
				Other Topic C
Please complete all columns	(No Response)	(No Response) (No Response)	(No Response) (No Response)	

VII. Sharing Innovative Educational Technology Programs

Page Last Modified: 04/26/2022

Name of Contact Person	Title	Email Address	Innovative Programs
			Professional
			Learning
			Special Education
			Instruction and
			Learning with
			Technology
			Technology
			Support
			Other Topic A
			Other Topic B
			Other Topic C