#### I. District LEA Information

Page Last Modified: 12/29/2021

1. What is the name of the district administrator responsible for entering the Instructional Technology Plan data? Russell Bartlett

#### 2. What is the title of the district administrator responsible for entering the Instructional Technology Plan data?

#### (No Response)

# II. Strategic Technology Planning

Page Last Modified: 04/25/2022

#### 1. What is the overall district mission?

Together, we inspire, challenge, and proudly support all students.

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

The Tupper Lake Central School District welcomes our families and the community in working collectively as we empower students to accomplish their academic and personal goals.

#### II. Strategic Technology Planning

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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.

(1) Administrative group:

Russell Bartlett - Superintendent of Schools

Cynthia Lauzon - Middle-High School Principal

Elizabeth Littlefield - Elementary School Principal

Lee Kyler - Director of Special Programs

(2) Curriculum Coordinators

Alicia Tucker - Technology Coordinator

Melissa Savage - 7-12 ELA Coordinator

Shannon Tremblay - PK-6 Math Coordinator

Rhonwen Jones - PK-12 Occupational Therapy

(3) At-Large Members

Chris Savage - Grade 6 ELA

Kate Bennett - 9-12 Special Education

Meehan Bourgeois - K-2 Reading

Wendy Cross - K-12 Art/Technology

Kelcey Summers - Elementary Instruction

Bridget O'Leary - 7-12 Spanish

The committee met virtually and asynchronously throughout the 2021-22 school year. Questions and prompts were posted to a Jam Board and a Google Doc for feedback from committee members throughout each of seven different weeks. Through this process we refined goals and worked toward action plans as the plan took shape. Each step was shared with the committee for feedback after the information was collected and digested. Each "Step" below represents apprximately one week of work. There is some overlap, and some steps were able to be completed in much less than a week.

January, Step 1 - Share previous plan goals: What do we do well? What do we need to improve on?

Step 2 - Review responses and begin to form new goals.

#### II. Strategic Technology Planning

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Step 3 - Refine goals from previous week's responses.

Step 4 - Formallize proposed goals. How many should we have? What is the risk of too many goals.

Step 5 - Divided teams begin to work on step-by-step process of working toward goals. Review SMART goals.

Step 6 - Check in on progress.

Step 7 - Collect and present final product. Confirm/revise as needed.

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

Previous committee work took place through large-group, in-person meetings exclusively. The attempt for this plan was to break the work into smaller parts with smaller groups and an asynchronous timeline so that more voices might have the opportunity to contribute more meaningfully. Using the lessons learned from remote instruction over the past two years, our plan development was designed to be able to optimize contribution from all parties by making the process less structured in the traditional sense and more accessible to all.

Strengths/areas of improvement

The initial "meetings" in plan development were dedicated to reviewing previous goals. Members were asked to identify the strengths, weaknesses and barriers encountered in fully reaching/implementing those goals. The committee members polled their peers during department and/or grade level meetings. Parent feedback was available through tech questionairres that had been collected during and after COVID-based school closures during the 2020-2021 school year.

Early on, the committee identified that while significant progress had been made in our work toward the previous plan's goals, continued work toward some of them was merited and should be the focus of this plan's development. A common thread evolved that identified a need for a technology "hub" within each school building, and that the school library should begin to make this shift as a main focus toward over the course of this plan.

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

Our experiences with remote and hybrid learning models during the COVID pandemic have provided valuable insight into the district's use of technology to provide and support instruction.

The rapid adoption of learning management systems in March 2020 (Google Classroom, Class Dojo, Canvas, iSpring, etc...) targeted to specific grade levels has facilitated additional learning opportunities for students who are physically absent. Feedbck from families indicates that a single (or reduced number) platforms would be beneficial.

Reliance on an electronic communication system (Google, Edlio, Remind, etc...) has helped our community stay connected. Remote learning experiences in the K-2 has emphasized the importance of utilizing touch-capable devices to our younger students. Interest and access to professional development has transitioned to more remote synchronous, remote asynchronous, on-demand, and hybrid formats.

The rapid adoption of a 1:1 device program in March 2020 highlighted the need for digital citizenship and tech proficiency throughout our pre-K-12 curriculum.

Parent and community feedback has strongly informed our efforts through the use of surveys, strategic planning, and stakeholder groups focused on addressing the entire operation of the school as it relates to the community as a whoole.

#### 6. Is your district currently fully 1:1?

(No Response)

#### II. Strategic Technology Planning

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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.

pre K-5 Professional Development Topics

Data analysis – use of iReady, student work, and other data sources to inform instruction and provide growth-producing, targeted feedback.

ELA and Math instruction focus on strengthening basic literacy and numeracy skills, and how to effectively deliver this instruction inperson and remotely.

Using formative assessments to support essential standards, Tier 1 instruction and Response to Intervention (Rtl).

Increase capacity for teachers and staff to use Social-Emotional Learning (SEL) to inform instructional strategies and support practices, both in-person and remotely.

Integration of ISTE standards into instruction supporting collaboration, critical thinking, and differentiation.

Maintain current pedagogy relating to ELA, Math, Science, Computer Science and Digital Fluency Next Gen Standards and Social Studies Framework.

6-8 Professional Development Topics

Delivery of instruction for in-person and virtual learning models.

Integrating SEL in both in-person and remote learning.

The use of technology in the coordination, integration and support of of Rtl.

Designing/indentifying science laboratory experiences that can be used in a virtual and in-person setting.

Integration of Computer Science and Digital Fluency Next Gen Standards.

9-12 Professional Development Topics

Use of technology in developing formative assessment tools.

Technology to coordinate, intergrate and deliver tier 1 instruction and Rtl.

Planning to effectively integrate technology into student centered instruction.

Use of student work, common assessments, technology, and other data sources to inform instruction and provide growth-producing, targeted feedback.

Data-driven implementation of SEL.

Building student independence through socially-, culturally-, informed learning.

Collaborative horizontal and vertical planning

Designing standard-focused instruction for in-person and virtual learning models.

Integration of Computer Science and Digital Fluency Next Gen Standards.

#### III. Goal Attainment

#### Page Last Modified: 02/10/2022

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:

(No Response)

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:

(No Response)

**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:

(No Response)

4. Leadership – The District Instructional Technology Plan is in alignment with the Statewide Learning Technology Plan vision.

#### The district has met this goal:

(No Response)

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:

#### (No Response)

#### IV. Action Plan - Goal 1

Page Last Modified: 06/13/2022

#### 1. Enter Goal 1 below:

Incorporate "technology hubs" that will facilitate the creation of learning environments that are responsive to changing student needs through the application of technology.

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

#### (No Response)

#### 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

- $\hfill\square$  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.

Data collection Data disaggregation Data collection Investigate Post goal/plan work:

Data collection

It is our goal to see a significant increase in technology hub use at the completyion of this plan. (The specific numberical value increase will be identified after collecting the initial data.)

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.

IV. Action Plan - Goal 1

# Page Last Modified: 06/13/2022

	Action Step	Action Step - Description	Responsible Stakeholder:	'Other' Responsible Stakeholder	Anticipa ted date of complet ion	Anticipated Cost
Action Step 1	Research	Develop a 5 question survey to assess the current use of the library media center by students and staff.	Library Media Specialist	Technology Coordinator	08/01/2 022	\$0
Action Step 2	Evaluation	Disaggregate survey data.	Library Media Specialist	Technology Coordinator, Superintendent, Tech Committee	10/01/2 022	\$0
Action Step 3	Research	Identify (and visit) three districts with library media centers we could emulate to better serve our needs.	Library Media Specialist	Technology Coordinator, Superintendent, Tech Committee	03/01/2 023	\$0
Action Step 4	Planning	Develop comprehensive plan for conversion of our library spaces.	Director of Technology	Building principals, technology coordinator, superintendent, assistant superintendent.	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 #1 from your answer to Question 1, above.

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipa ted date of complet ion	Anticipated Cost
Action Step 5	Planning	Develop budget plan for conversion of library to true media center.	Business Official	Superintendent, Technology Coordinator, Building Principals	07/01/2 023	\$0
Action Step 6	Implementation	Convert current library media centers to technology hubs.	Library Media Specialist	All staff.	09/01/2 024	\$0
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 1

# Page Last Modified: 06/13/2022

#### IV. Action Plan - Goal 2

Page Last Modified: 04/25/2022

#### 1. Enter Goal 2 below:

Annually plan and provide professional development that will ensure that educators and leaders are proficient in the integration of instructional technologies.

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

#### (No Response)

#### 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.

Twice yearly (September and February), the District Technology Team will develop surveys to assess the needs of students, staff and community members in the application of instructional techology. The data collected from that survey will be shared with the District Professional Development Committee and a minimum of two related, Standards based PD opportunities will be available to stakeholders in the following three months.

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.

IV. Action Plan - Goal 2

# Page Last Modified: 04/25/2022

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipa ted date of complet ion	Anticipated Cost
Action Step 1	Collaboration	technology Committee and PD committee to develop needs assessment survey.	Superintendent	Technology Coordinator	08/01/2 022	0
Action Step 2	Research	Collect data from needs assessment and prioritize needs.	Instructional/PD Coach	Superintendent, Technology Coordinator	09/30/2 022	0
Action Step 3	Collaboration	Develop and schedule in-service course offerings,	Superintendent	PD Committee, Technology Coordinator	10/30/2 022	0
Action Step 4	Professional Development	Conduct targeted in- service programs to stakeholder audience.	Director of Technology	PD Committee, Technology Coordinator	02/01/2 023	\$1500

#### 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.

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipa ted date of complet ion	
Action Step 5	Planning	Collect data from needs assessment and prioritize needs.	Superintendent	Technology coordinator	06/01/2 023	0
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: 06/13/2022

#### 1. Enter Goal 3 below:

Develop and provide material and professional deveopment support to increase and maintain "Instructional Flexibility"

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

## (No Response)

#### 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 3

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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.

Background: March of 2020 (and the entire 2020-21 school year for most) represented a seismic shift in education. Instantly and without time to plan and incorporate new ideas with any degree of finesse at all, we were thrown into a world of "remote learning". It has made many educators, students, and community members wary of instructional technology. Three years ago, pre-COVID, it was a shining beacon on the horizon, it was going to someday make everything better, easier, and more efficient. Today it often evokes memories of trauma and some of the darkest times we can recall as educators. We need to fix that. We need to find ways to make the instructional process more flexible and to utilize technology to continue to provide opportunities for our students.

Once of the most significant concerns about the future of education is the looming teacher shortage. As a rural district, I fear for the day that I cannot provide a certified science, math, foreign language teacher in-person for the students of the District. Technology is likely the most immediate solution to the problem, abd we need to make that process work and work well for our kids. That's the heart of this particular goal.

I do undertsand that the NERIC Distance Learning Network exists to serve this prupose to a degree, and our District has been a part of that for 20-ish years, but the constraints of a separate instructional space is a significant limiting factor. We've learned over the past two years that the process needs to be more mobile, more flexible, and more accessible.

The acquisition and installation of network connected touchscreen displays in each classroom thropughout the district will both enable a higher degree of instructional flexibility and enhance instruction for all students; in-person, remote, or otherwise.

Additionally, in 2021-22 we began a pilot program as a provider of Algebra 2 to a remote set of students in a neighboring district. We would like to lay out a five year plan that investigates best practices and refinements to current practices in order to create the best opportunities for students in our region (or beyond).

We will debrief the instructor, students, parents and administration from the current Algebra 2 class at the conclusion of the year. That data will serve as a starting point in planning for this and any other courses that will be offered this way for 2022-23.

Did the existing technology provide a valuable experience? What technology could be used to make the instructional/learning process better?

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.

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipa ted date of complet ion	Anticipated Cost
Action Step 1	Research	Provide course evaluation survey to all stakeholders for current Alg2 hybrid class.	Director of Technology	Building principal, instructor.	06/30/2 022	0
Action Step 2	Planning	Utilize survey results to assess technology needs in additional courses offered in the	Instructional Technology Coach	Building principal, instructor	08/01/2 022	\$0

IV. Action Plan - Goal 3

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	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipa ted date of complet ion	Anticipated Cost
		coming year.				
Action Step 3	Collaboration	Survey regional districts to identify anticipated course/instructor needs over the next 5 years	Superintendent	Technology coordinator	09/01/2 022	0
Action Step 4	Community Partnerships	Survey community to identify community needs for adult/continuing education.	Superintendent	Community Liaison	10/01/2 022	0

# 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 - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipa ted date of complet ion	Anticipated Cost
Action Step 5	Planning	Continue to cycle (annually) through the evaluation/assessment /needs/planning process and develop a five year vision of what we will need and be able to offer.	Curriculum and Instruction Leader	Superintendent	07/01/2 023	0
Action Step 6	Planning	Identify and prioritize spaces for the acquisition and installation of network connected touchscreen displays.	Building Principal	Technology Coordinator	12/01/2 022	0
Action Step 7	Budgeting	Utilize prioritized list to plan a purchase schedule for network connected touchscreen devices.	Business Official	Building principals	02/01/2 023	0
Action Step 8	Implementation	Acquire, install and train in the use of network-connected	Superintendent	Building principals, maintenance, professional	06/30/2 025	\$627,180

IV. Action Plan - Goal 3

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Action Step		•	"Other" Responsible Stakeholder	Anticipa ted date of complet ion	Anticipated Cost
	touch screen devices.		development commitee.		

# 8. Would you like to list a fourth goal?

# (No Response)

# V. NYSED Initiatives Alignment

## V. NYSED Initiatives Alignment

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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.

The goals stated within this submission are a part of a more comprehensive plan for technology acquisition and use. Our vision to meet the technological needs of our schools in an ethical and sustainable manner, promoting digital citizenship and safety, and preparing all to work and live in a global community remains the same.

The complete strategic planning process of the Tupper Lake Central School District coordinates the integrated systems that are a part of improving student outcomes. The Targeted improvement Workplan is designed to focus the Administration and Staff on specific areas identifies a priorities for a single school year. More comprehensive planning takes place over a five-year period. The Targeted Improvement Workplan extracts the necessary annual steps toward achieving those long-range goals from each of the five existing plans. Those plans are as follows:

Technology Professional Development Curriculum, Instruction, Assessment, & Data Safety Finance

Each committee is chaired by a member of the Administrative team and includes members from technology staff, curriculum directors, directors of pupil personnel services, teachers, and school library media specialists, and (at times) parents or community members.

The Uniform District Comprehensive Plan is the operational document for all aspects of any given area (knows as "system".) Each system plan contains four uniform sections. Those sections are the introduction, body, planning, and integration. Each section (Technology plan shown) contains a uniform set of sub-sections as follows:

Introduction Philosophy History Organization Body Educational Technology **Classroom Management Professional Resources** School Operations Infrastructure Safety Planning Evaluation Short-Range Goals 1yr Medium-Range Goals 3yr Long-Range Goals 5yr Integration Budget Technology Instruction Facilities Financial Safety The primary job of the committee for each of the systems is to set the vision for their group, evaluate the progress, of long-range (more than five year), medium-range (three to five year), and short-range (one to two year) goals, and adjust the goals according to new research, data, or other relevant factors.

Committees meet no less than six times per year. The agendas are developed by the committee chairperson with input from the committee members. The agendas are reviewed at bi-weekly Administrative Team Meetings. There, integration between the various

#### V. NYSED Initiatives Alignment

#### Page Last Modified: 04/15/2022

systems can be overseen, and the needs or resources for the various activities can be allocated. The Integration section of each plan guarantees that there are adequate resources planned across all of the system plans.

Items contained in the Short-Range Goals are compiled and a document called the "Targeted Annual Improvement Workplan" is published. Each action step within the document is placed on a schedule for reporting at Faculty Meetings, Parent Meetings, Administrative Team Meetings, and Board of Education Meetings.

The Targeted improvement Workplan is designed to focus the Administration and Staff on specific areas identifies a priorities for a single school year. More comprehensive planning takes place over a longer period of time and identifies goals in three to five year periods of time. The Targeted Improvement Workplan extracts the necessary annual steps toward achieving those long-range goals from each of the five existing plans.

#### Technology Standards

The National Educational Technology Standards and Performance Indicator for Teachers, Students, and Administrators provide concrete goals for achievement in each of the three areas. Specifically, these key points form the basis for the Technology Planning Team. They are:

#### For Teachers

Facilitate and Inspire Student Learning and Creativity Design and Develop Digital-Age Learning Experiences and Assessments Model Digital-Age Work and Learning Promote and Model Digital Citizenship and Responsibility Engage in Professional Growth and Leadership For Students

Creativity and Innovation Communication and Collaboration Research and Information Fluency Critical Thinking, Problem Solving, and Decision Making Digital Citizenship For Administrators

Visionary Leadership Digital-Age Learning Culture Excellence in Professional Practice Systemic Improvement Digital Citizenship

The vision of the Tupper Lake Central School District is to be in partnership with students' community and home to help each one achieve academic and personal excellence. Additionally, It is the mission of our District and this community to set high expectations for our youth and to provide a well-rounded educational program which will enable our graduates to be productive and successful in their personal and professional lives.

Core Beliefs

We are all responsible for ....

ensuring safety and security, creating an inclusive learning environment where all students are encouraged to take learning risks, demonstrating empathy in all interactions,

#### V. NYSED Initiatives Alignment

#### Page Last Modified: 04/15/2022

embracing individual student's pathways to success, valuing the contributions of each student and staff member and, promoting civic engagement in the community.

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.

Throughout the duration of this plan, funding will be allocated to maintain a 1:1 student/device ratio. Additionally, every student will provided with the ability to loan a Chromebook from the district. As needed, mobile WiFi devices are also available. Additional funding is set aside yearly towards infrastructure maintenance and advancement to ensure network capacity. Workshops and Professional Development will be provided regularly for all stakeholders including students, staff, faculty and community partners including parents.

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.

The District uses technology to support individualized learning and differentiation among students with disabling conditions. An assistive technology evaluation of student needs is completed in accordance with CSE guidelines. Students employ a variety of developmentally appropriate technical tools to compete in curriculum, using a low technology to high technology spectrum to determine what appropriately meets student needs. These tools can impact the manner in which students respond to, become engaged with, and demonstrate knowledge.

Tools used for differentiation based on disabling condition include, but are not limited to the following:

spell/grammar check devices text-to-speech and speech-to-text software document cameras scanners accessible electronic documents word processing large-screen calculators alternative input devices (touch screens/on screen keyboards) Braille printing magnification screen readers communication devices (FM systems) coupling accessories (technology that can work directly with cochlear implants and hearing aids) closed captioning Audio books Instructional strategies used for differentiation based on disabling condition include, but are not limited to the following: Research and evidence based practices Qualified, specialized personnel

Age/grade/developmentally appropriate levels of instruction

#### V. NYSED Initiatives Alignment

Page Last Modified: 04/15/2022

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).

In 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	<ul> <li>Helping students with disabilities to connect</li> </ul>
<ul> <li>Choosing assistive technology for instructional purposes in the special education classroom</li> </ul>	
о О	<ul> <li>Helping students with disabilities to connect</li> </ul>
purposes in the special education classroom	Helping students with disabilities to connect with the world

#### V. NYSED Initiatives Alignment

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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).

In 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.

I 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.

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 Response)

## V. NYSED Initiatives Alignment

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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	
14	Other was calested in Question 9 shows also	a avalain hava

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

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How does the district utilize technology to address the needs of students experiencing homelessness and/or 9. 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	Provide students a way to
information is prominently	protect and charge any device
located on individual school	they are provided/with/by the
websites, as well as the district	district.
website.	Replace devices that are
□ If available,	damaged or stolen/as needed
online/enrollment is easily	□ Assess readiness-to-use
accessible, written in an	technology/skills/before
understandable manner,	disseminating devices to
available in multiple languages	students experiencing
and accessible from a phone.	homelessness and/or housing
□ Offer/phone/enrollment as	insecurity.
an alternative to/in-	Create individualized plans
person/enrollment.	for providing access to
Set enrollment forms to	technology and internet on a
automatically provide the	case-by-case basis for any
McKinney-Vento liaison with	student experiencing
contact information for students	homelessness and/or housing
who indicate possible	insecurity.
homelessness and/or housing	Have/resources/available
insecurity	to/get/families and students
Create a survey to obtain	step-by-step instructions on
information/about students'	how to/set-up and/use/their
living situations,/contact	districts Learning Managemen
information,/access to internet	System or website.
and devices for/all/students	Class lesson plans,
in/the/enrollment processes/so	materials, and assignment
the district can/communicate	instructions are available to
effectively and/evaluate their	students and families for
needs.	Direct instruction is
Create simple videos in	recorded and provided for
multiple languages, and with	students to access
subtitles, that explain	asynchronously (such as
McKinney-Vento rights and	through a learning
services, identify the	management system, DVD,/ o
McKinney-Vento liaison, and	private online video channel)./

clarify enrollment instructions.

s lesson plans, ls, and assignment ons are available to and families for ct instruction is d and provided for to access onously (such as a learning ment system, DVD,/ or online video channel)./ Technology is used to

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

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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

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#### 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	0.50
Instructional Support	0.50
Technical Support	1.00
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.

columns o	ns 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	Peripheral	Interactive Display	300,000	Both	BOCES Co-		
	Devices				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		
2							

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.

# VI. Administrative Management Plan

	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
	End User Computing Devices	Student Devices	500,000	Both	<ul> <li>BOCES Co-Ser purchase</li> <li>District</li> <li>Operating Budget</li> <li>District Public</li> <li>Bond</li> <li>E-Rate</li> <li>Grants</li> <li>Instructional</li> <li>Materials Aid</li> <li>Instructional</li> <li>Resources Aid</li> <li>Smart Schools</li> <li>Bond Act</li> <li>Other (please</li> <li>identify in next</li> <li>column, to the</li> <li>right)</li> </ul>	
3	Professional Development	Professional Development to support device purchases.	45,000	Both	<ul> <li>N/A</li> <li>BOCES Co-Ser purchase</li> <li>District</li> <li>Operating Budget</li> <li>District Public</li> <li>Bond</li> <li>E-Rate</li> <li>Grants</li> <li>Instructional</li> <li>Materials Aid</li> <li>Instructional</li> <li>Resources Aid</li> <li>Smart Schools</li> <li>Bond Act</li> <li>Other (please</li> <li>identify in next</li> <li>column, to the</li> <li>right)</li> </ul>	Vendor

#### VI. Administrative Management Plan

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	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
					□ N/A	
4	Network and Infrastructure	Servers, wireless capacity, security enhancements.	589,000	One-time	<ul> <li>BOCES Co-Ser purchase</li> <li>District</li> <li>Operating Budget</li> <li>District Public</li> <li>Bond</li> <li>E-Rate</li> <li>Grants</li> <li>Instructional</li> <li>Materials Aid</li> <li>Instructional</li> <li>Resources Aid</li> <li>Smart Schools</li> <li>Bond Act</li> <li>Other (please identify in next column, to the right)</li> <li>N/A</li> </ul>	
Totals:			1,434,000			

# 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?

(No Response)

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.

https://www.tupperlakecsd.net/apps/pages/instructional-technology-plan-2022-2025

#### VII. Sharing Innovative Educational Technology Programs

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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	Russell Bartlett	Superintendent	russellb@tupperlakecsd.net	☑ 1:1 Device
				Program
				□ Active Learning
				Spaces/Makerspace
				s
				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

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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	Daniel Bower	Asst. Superintendent	danielb@tupperlakecsd.net	□ 1:1 Device
				Program
				□ Active Learning
				Spaces/Makerspace
				s
				□ Blended and/or
				Flipped Classrooms
				Culturally
				Responsive
				Instruction with

# VII. Sharing Innovative Educational Technology Programs

	Name of Contact Person	Title	Email Address	Innovative Programs
				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
				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	Alicia Tucker	Technology Coordinator	aliciat@tupperlakecsd.net	□ 1:1 Device

# VII. Sharing Innovative Educational Technology Programs

 Name of Contact Person	Title	Email Address	Innovative Programs
			Program
			□ Active Learning
			Spaces/Makerspace
			s
			□ 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
			□ Policy, Planning,
			and Leadership
			□ Professional
			Development /
			Professional
			Learning
			□ Special
			Education

# VII. Sharing Innovative Educational Technology Programs

			Instruction and
			Learning with
			Technology
			Technology
			Support
			Other Topic A
			Other Topic B
			Other Topic C
onse)	(No Response)	(No Response)	□ 1:1 Device
			Program
			□ Active Learning
			Spaces/Makerspac
			S
			□ Blended and/or
			Flipped Classroom
			□ Culturally
			Responsive
			Instruction with
			Technology
			<ul> <li>Data Privacy ar</li> </ul>
			Security
			Digital Equity
			Initiatives
			Digital Fluency
			Standards
			Engaging Scho
			Community throug
			Technology
			□ English
			Language Learner
			□ Instruction and
			Learning with
			Technology
			□ Infrastructure
			OER and Digita
			Content
			<ul> <li>Online Learning</li> </ul>
			□ Personalized

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Name of Contact Person	Title	Email Address	Innovative Programs
			Learning
			<ul> <li>Policy, Planning,</li> </ul>
			and Leadership
			Professional
			Development /
			Professional
			Learning
			□ Special
			Education
			Instruction and
			Learning with
			Technology
			Technology
			Support
			Other Topic A
			Other Topic B
			Other Topic C