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I. District LEA Information

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

Kimberly Ross

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

Superintendent

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II. Strategic Technology Planning

1. What is the overall district mission?

Partnering with families and community, Duanesburg Central School will provide a safe, supportive and inclusive environment.
We are committed to cultivating integrity, fostering community and instilling pride to prepare every student for success.

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

Duanesburg Central School District will become a model for smaller school districts in New York State. Instructional excellence will be the bedrock of the district characterized by a strong academic core, technology integration and a challenging and stimulating curriculum. Our educational program will include enrichment, interdisciplinary teaching and active roles for students. All students will be challenged and supported to achieve their highest abilities. The district will value its students and staff. The community will value and participate in our mission. Our facilities will promote our mission.

3. At the start of the 2026-27 school year, will the district provide a dedicated mobile device for every student in all grades?

Yes

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

The district has met this goal:

Moderately

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:

Moderately

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:

Moderately

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1. In 1 – 2 sentences provide an instructional technology goal for your district.

AI Professional Development - Professional development in Artificial Intelligence for teachers is no longer just a "tech trend". It has become a standard recommendation for staying current with educational tools for modernized education. Without formal training, teachers may struggle to guide students on the ethical boundaries of AI or differentiating factual information from biased output or “hallucinations”.

2. **Choose the topic that best aligns to your instructional technology goal.**

Professional Development

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. **Estimated cost of this goal/priority over the three-year plan? Round to the nearest thousand if exact figures are not yet known.**

5,000.00

6. **What is the potential funding source(s) and/or purchasing mechanism(s) for this expenditure over all three years of the plan? *Can check multiple options.***

- ☑ BOCES Co-Ser purchase
- ☐ Capital Project
- ☐ District Public Bond
- ☑ Distrcit Operating Budget
- ☐ Instructional Aid Materials
- ☐ Instructional Resources Aid
- ☐ Smart Schools Bond Act
- ☐ Technology Reserve Fund

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☐ E-Rate	☑ Title Funds
☐ Grants	☐ Other

7. **Optional: If you would like to add an action plan for this goal list the action steps below.**

	Action Step	Action Step - Description
Action Step 1	(No Response)	(No Response)
Action Step 2	(No Response)	(No Response)
Action Step 3	(No Response)	(No Response)
Action Step 4	(No Response)	(No Response)
Action Step 5	(No Response)	(No Response)
Action Step 6	(No Response)	(No Response)
Action Step 7	(No Response)	(No Response)
Action Step 8	(No Response)	(No Response)

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1. In 1 – 2 sentences provide a second instructional technology goal for your district.

Deployment of new SpEd Tech in a 8:1:2 Communication Skills Class – Duanesburg CSD is setting up an 8:1:2 classroom (8 students, 1 teacher, 2 teaching assistants) for elementary students who are non-communicative. This requires high-density "sensory and assistive" technical infrastructure. Since these students may have varying degrees of autism, physical disabilities, or developmental delays, the environment must serve as their primary voice. Deployment of tablets with multi-modal AAC Software and supplemental assistive technology will be necessary to meet the needs of students and the staff supporting them.

2. **Choose the topic that best aligns to your instructional technology goal.**

End User Computing Devices (ex. iPads, Chromebooks, etc.)

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. **Estimated cost of this goal/priority over the three-year plan? Round to the nearest thousand if exact figures are not yet known.**

15,000.00

6. **What is the potential funding source(s) and/or purchasing mechanism(s) for this expenditure over all three years of the plan? *Can check multiple options.***

- ☐ BOCES Co-Ser purchase
- ☐ Capital Project
- ☐ District Public Bond
- ☑ Instructional Aid Materials
- ☐ Instructional Resources Aid
- ☐ Smart Schools Bond Act

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☑ Distrcit Operating Budget	☑ Technology Reserve Fund
☐ E-Rate	☑ Title Funds
☐ Grants	☐ Other

7. **Optional: If you would like to add an action plan for this goal list the action steps below.**

	Action Step	Action Step - Description
Action Step 1	(No Response)	(No Response)
Action Step 2	(No Response)	(No Response)
Action Step 3	(No Response)	(No Response)
Action Step 4	(No Response)	(No Response)
Action Step 5	(No Response)	(No Response)
Action Step 6	(No Response)	(No Response)
Action Step 7	(No Response)	(No Response)
Action Step 8	(No Response)	(No Response)

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1. **In 1-2 sentences provide a third instructional technology goal for your district.**

Upgrade and replace network infrastructure - Upgrading and replacing network infrastructure is a critical requirement for safety, equity, and the functional reality of current educational needs. New network hardware often includes built-in AI that monitors network traffic patterns in real-time, automatically disconnecting devices that behave like botnets or phishing tools. With the increase in buildout of security cameras, VoIP, access control devices, etc. it important to be able to supply a strong underlying foundation to get the most out of these investments while also maintaining uninterrupted and secure internet access for staff and students.

2. **Choose the topic that best aligns to your instructional technology goal.**

Network and Infrastructure

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. **Estimated cost of this goal/priority over the three-year plan? Round to the nearest thousand if exact figures are not yet known.**

100,000.00

6. **What is the potential funding source(s) and/or purchasing mechanism(s) for this expenditure over all three years of the plan? *Can check multiple options.***

- ☑ BOCES Co-Ser purchase
- ☑ Capital Project
- ☐ District Public Bond
- ☐ Instructional Aid Materials
- ☐ Instructional Resources Aid
- ☑ Smart Schools Bond Act

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☑ Distrcit Operating Budget	☑ Technology Reserve Fund
☑ E-Rate	☐ Title Funds
☐ Grants	☐ Other

7. **Optional: If you would like to add an action plan for this goal list the action steps below.**

	Action Step	Action Step - Description
Action Step 1	(No Response)	(No Response)
Action Step 2	(No Response)	(No Response)
Action Step 3	(No Response)	(No Response)
Action Step 4	(No Response)	(No Response)
Action Step 5	(No Response)	(No Response)
Action Step 6	(No Response)	(No Response)
Action Step 7	(No Response)	(No Response)
Action Step 8	(No Response)	(No Response)

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

No

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V. NYSED Initiatives Alignment

1. How will the district's use of instructional technology support a comprehensive and sustained effort to improve student performance and academic standards, while also addressing the need to provide equitable learning opportunities “everywhere, all the time” (National Technology Plan)?

Duanesburg Central School District’s commitment to instructional technology is not just about hardware; it is a strategic effort to dismantle the barriers of time, location, and ability. By aligning with the **2024 National Educational Technology Plan (NETP)**, the district focuses on closing three critical gaps: The **Digital Use Divide**, the **Digital Design Divide**, and the **Digital Access Divide**. Here is how these efforts support sustained student performance and equitable "everywhere, all the time" learning:

1. Closing the Digital Access Divide: "Everywhere, All the Time"

To ensure learning never stops, the district provides the physical foundation for equity.

- **1:1 Device Continuity:** Providing standardized devices (like Chromebooks) ensures every student, regardless of family income, has the same powerful tool for research, creation, and collaboration.
- **Ubiquitous Connectivity:** For students in rural areas with limited internet, the district provides mobile hotspots (MiFis), fulfilling the NETP’s vision that a student’s "classroom" should extend to their kitchen table, the public library, or the school bus.
- **Accessible Materials:** For non-communicative students or those with disabilities, technology acts as an equalizer through **Augmentative and Alternative Communication (AAC)** devices and software that ensure every student can participate in the general curriculum.

2. Closing the Digital Use Divide: Improving Academic Performance

Technology is used to shift students from passive consumers to active creators.

- **STEM & Innovative Programming:** Through programs like **Lego Robotics** and components of **Project Lead the Way (PLTW)**, students use professional-grade technology to solve real-world problems, directly supporting New York State’s rigorous Next Generation Learning Standards.
- **Personalized Learning Paths:** Using adaptive software (like NWEA MAP or specialized literacy tools such as IXL), teachers can offer a **Multi Tiered System of Support (MTSS)** that is data-driven. This allows for "Micro-Differentiation," where two students in the same room can work on different skills based on their specific individual needs.
- **Expanded Course Catalogs:** Through **Distance Learning**, Duanesburg students can access Advanced Placement (AP) or niche elective courses that might not be physically available on campus, ensuring small-school students have big-school opportunities.

3. Closing the Digital Design Divide: Sustained Teacher Support

A network is only as good as the educators using it. The district’s **Professional Development (PD) Plan** ensures technology use is sustained and effective.

- **Pedagogy-First Training:** Rather than just learning "how to use an app," teachers are trained in **Universal Design for Learning (UDL)**. This framework helps them design lessons that are inherently flexible and accessible to all learners from the start.
- **Collaborative Ecosystems:** Tools like Google Workspace for Education allow for real-time, "sustained" feedback. Instead of waiting

a week for a graded paper, students receive comments while they are still in the process of writing, which has a much higher impact on academic growth.

Strategy Summary: Impact on Standards and Equity

National Tech Plan Goal	Duanesburg Action Item	Academic/Equity Impact
High Standards	Data-driven MTSS & STEM Labs	Prepares all students for NY Inspires measures and ultimately their future careers.
Equitable Access	1:1 Chromebooks	Neutralizes the "homework gap" for rural/low-income families.
Inclusion	Specialized Assistive Tech (AT)	Ensures students in 8:1:2 settings develop necessary communication skills to meet their IEP goals.
Sustained Effort	Ongoing Teacher PD/Coaching	Ensures technology remains a permanent tool for growth, not a fading trend.

2. **At the start of the 2026-27 school year, will the district offer full-time virtual instruction to any students? (*Select all that apply)***

- ☐ Yes. Our district operates a full-time virtual instruction program.
- ☑ Yes. One or more of our students will attend a program operated by a BOCES or another public school district.
- ☐ None of our students will participate in a full-time virtual instruction program.
- ☐ Other

3. If the district files or has filed a Smart Schools Investment Plan (SSIP) to apply for Smart Schools Bond Act funds, all responses in this survey align with the district's response to any related question(s) in the SSIP.

Yes

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VI. Administrative Management Plan

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.

	District Employed Staff (FTE)	**Staff Contracted Through Vendor or BOCES (FTE)**
District Technology Leadership	0.50	0.00
Instructional Support	0.00	0.00
Technical Support	0.50	0.00
Totals:	**1.00**	**0.00**

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

Not Applicable

3. Districts are required to post an Instructional Technology Plan on their website. Please provide the URL link as evidence of this requirement.

https://www.duanesburg.org/departments/technology/dcs-technology-plan/

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VII. Established EdTech Programs

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

- ☑ Active Learning Spaces/Makerspaces
- ☑ Advanced Computer Science or Technology Courses
- ☐ Artificial Intelligence (AI)
- ☑ Assistive Technology
- ☐ Blended and/or Flipped Classrooms
- ☑ Broadcasting or Podcasting
- ☐ Culturally Responsive Instruction with Technology
- ☐ Digital Citizenship
- ☐ Digital Equity Initiatives
- ☐ Digital Fluency
- ☐ Engaging School Community through Technology
- ☑ Flexible Learning Spaces
- ☑ Instruction and Learning with Technology
- ☐ Media Literacy
- ☐ OER and Digital Content
- ☑ Personalized Learning
- ☑ Special Education Instruction and Learning with Technology
- ☑ STEAM/STEM
- ☐ Student Technology Support/Helpdesk
- ☑ Virtual/Online Learning
- ☐ Other Topic A
- ☐ Other Topic B
- ☐ Other Topic C

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