



2022-2025
New York State
Instructional Technology Plan



Per Part 100.12 of Commissioner's Regulations, all New York State public school districts are required to develop and maintain instructional technology plans.

Districts will identify how they will:

- Develop a **strategic vision and goals to support student achievement and engagement** through the seamless integration of technology into teaching and learning;
- Provide **technology-enhanced, culturally- and linguistically-responsive learning environments** to support improved teaching and learning;
- Increase **equitable access to high-quality digital resources and standards-based, technology-rich learning experiences**;
- Provide access to **relevant and rigorous professional development to ensure educators and leaders are proficient** in the integration of learning technologies.

District Goals:

- The district will provide technology dependent personalized learning opportunities for students and staff.
- The district will provide ongoing and sustained professional learning to promote future ready teaching and learning.
- The district will transform learning spaces and teaching to foster collaboration, creativity and future ready student learning
- The district will embed the NYS Computer Science and Digital Fluency standards in content area classrooms, by 2024, to ensure students meet standards.

Goal 1: The district will provide technology dependent personalized learning opportunities for students and staff.

ACTION STEPS:

- **Analyze, evaluate and provide technology resources for school to work transitions**
 - *Work based learning consisting of 12:1:1 and 15:1 classrooms as well as school to work transitions*
 - *Responsible stakeholders: special education teachers, K12 instructional technology, Director of special education*
- **Create collaborative teams between the district's T&L Cabinet and Instructional Technology**
 - *Work toward innovative opportunities where technology is required to complete goals*
 - *Responsible stakeholders: Assistant Superintendent, T&L cabinet, K12 instructional tech*
- **Develop a consistent digital portfolio process as a district commencement requirement**
 - *Create district-wide portfolio process where all students graduate with a positive digital footprint representing them as a learner and a leader*
 - *Responsible stakeholders: T&L cabinet, K12 instr. tech, BLT, classroom teachers, LMS, principals*
- **Explore options for online, hybrid, and virtual instruction models**
 - *Reflecting on pandemic, explore options for certain populations of students*
 - *Responsible stakeholders: Assistant Superintendent, principals, K12 instructional tech, T&L cabinet. partners at NERIC and Questar*

Goal 2: The district will provide ongoing and sustained professional learning to promote future ready teaching and learning.

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ACTION STEPS:

- **Provide targeted professional learning for all non-instructional staff.**
 - *Training opportunities on tools students use in classrooms as well as for all new employees*
 - *Responsible stakeholders: Superintendent, Human Resources, Director of Student & Staff Supports*
- **Provide online training opportunities for substitute teachers to provide seamless instruction**
 - *Training opportunities on tools students use in classrooms as well as hardware used in classrooms*
 - *Responsible stakeholders: Human Resources, Director of Student & Staff Supports*
- **Provide professional learning for online, hybrid and virtual instruction; including management, classroom connections/culture, new learning technologies**
 - *Using information we have learned from virtual learning, create opportunities to strengthen past practices.*
 - *Responsible stakeholders: Assistant Superintendent, Director of Student & Staff Supports K12 Instructional Tech*
- **Build and embed professional learning opportunities for all district employees**
 - *Provide consistent opportunities for professional learning, surrounding future ready teaching and learning embedded in work day - faculty and team meetings, ALT meetings, asynchronous resources*
 - *Responsible stakeholders: Superintendent, Assistant superintendent, Principals, K12 Instructional Technology*

Goal 3: The district will transform learning spaces and teaching to foster collaboration, creativity and future ready student learning

ACTION STEPS:

- **Provide innovative technology to promote dynamic learning**
 - *Continue to improve technology and teaching to allow students to learn differently and dynamically*
 - *Responsible stakeholders: Technology office, K12 Instructional Tech*
- **Provide evidence-based coaching and professional learning to support innovative use of learning spaces**
 - *Use curated resources to create professional learning surrounding the shift in teaching and learning*
 - *Responsible stakeholders: Director of Student & Staff Supports, Mentor Coordinator, K12 Instructional Tech*
- **Building on existing transformed spaces, model change in learning and instruction models**
 - *Provide professional learning to shift teaching models and adapt to changing learning environments*
 - *Responsible stakeholders: Director of Student & Staff Supports, principals, K12 Instructional Tech, T&L Cabinet*

Goal 4: The district will embed the New York State Computer Science and Digital Fluency standards in all K-12 content area classrooms by 2024.

ACTION STEPS:

- Identify credit bearing computer science courses in order to embed standards
 - *Responsible stakeholders: LMS, 6-12 Technology teachers, CITI team*
- Identify current gaps that exist vertically and horizontally and map standards to each grade level
 - *Responsible stakeholders: CITI team, LMS*
- Develop district-wide implementation plan, training for all faculty, and exemplars for various grade levels and curricular areas
 - *Responsible stakeholders: Principals, Director of Student and Staff Supports, CITI team, LMS,*
- CITI team will partner with faculty to unpack the NYS CS/DF standards
 - *Responsible stakeholders: principals, CITI, BLTs, ALTs, classroom teachers*