2022-2025
New York State
Instructional Technology Plan

New York State EDUCATION DEPARTMENT
Knowledge › Skill › Opportunity

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.

DRAFT

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.

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*