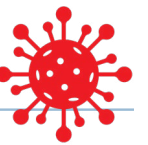


NYS K12 District COVID-19 '20/'21 Technology Plan: Template



BUILDING CODES

E-1 Elementary School 1 E-2 Elementary School 2 M Middle School H High School B Bus Garage ALL District-Wide (all buildings)

FUNDING SOURCES

ESSERF Federal CARES Act ESSERF Funding^A GEER Governor's Emergency Education Relief Fund^B SSBA Smart School Bond Act BOCES BOCES Aidable CAP Capital Project E-RATE E-Rate IMA Instructional Material Aid SFS Safe Schools OPS Operations

Current CDC/NYS school district operational requirement as of 5.6.2020.^C Speculative possible new Sept. '20 district reopening requirement.^D

DISTRICT TECH GOALS	C19 PREPAREDNESS REQUIREMENTS	DISTRICT TECH SYSTEM(S) CURRENT CONDITIONS	LIST OF ADDITIONAL TECHNOLOGY PROJECTS NEEDED						GOAL BUDGETS
			2Q2020	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021	
1 Reliable Sustainable Technology Infrastructure	District infrastructure can support increased demand from: • Remote access from student and teacher devices, and; • Incremental software integrations/processing requirements.	How likely can the district reliably support an increase on its infrastructure by 20 - 35% over its current average daily usage: <input type="checkbox"/> Extremely likely <input type="checkbox"/> Likely <input type="checkbox"/> Not likely <input type="checkbox"/> Not at all likely							\$ _____ Possible Funding Source(s)
		How likely can the district reliably support an increase on its network by 20 - 35% over its current average daily usage: <input type="checkbox"/> Extremely likely <input type="checkbox"/> Likely <input type="checkbox"/> Not likely <input type="checkbox"/> Not at all likely							
2 Highly Reliable Network Connectivity	District networks can support increased demand from: • Remote access from student and teacher devices; • Videoconferencing applications, and; • Incremental software integrations/processing requirements.	The district has access/uses to the following: <input type="checkbox"/> Videoconferencing <input type="checkbox"/> Broadcast text <input type="checkbox"/> Public access TV							\$ _____ Possible Funding Source(s)
		The district has an IP-connected Mass Notification system: <input type="checkbox"/> Yes <input type="checkbox"/> No, analog system in place <input type="checkbox"/> No system in place							\$ _____ Possible Funding Source(s)
3 Enhanced Communications	School/Community Communications. Web, email, videoconferencing, text, public access TV, etc. Mass Notification. District can easily notify building occupants if a Lockdown, Lockout or other event is triggered. Public Address. Mass Notification is integrated with district's Public Address system for automated building broadcasts. Master Clock. District can easily reprogram class schedules by building based on how classes may be structured in the Fall of '20. Health Monitoring. District can measure student, staff and visitor temperatures easily via thermal imaging or other means. Contact Tracing. District can monitor students geographic locations for C19 contact tracking in a NYSED-compliant manner.	The district's PA system is integrated with Mass Notification system: <input type="checkbox"/> Yes; specify: _____ <input type="checkbox"/> No system in place							\$ _____ Possible Funding Source(s)
		The district has an IP-connected Master Clock system: <input type="checkbox"/> Yes <input type="checkbox"/> No, analog system in place <input type="checkbox"/> No system in place							\$ _____ Possible Funding Source(s)
		The district has a thermal imaging system integrated with existing systems: <input type="checkbox"/> Yes; specify: _____ <input type="checkbox"/> No system in place							\$ _____ Possible Funding Source(s)
		The district plans to use a contact tracking system in '20/'21: <input type="checkbox"/> Yes; specify: _____ <input type="checkbox"/> No							\$ _____ Possible Funding Source(s)
		The district can mirror its Flat Panel Display/Projector between two or more classrooms: <input type="checkbox"/> Yes <input type="checkbox"/> No							\$ _____ Possible Funding Source(s)
		The district uses a web-based work order system to track, monitor and report all cleaning and disinfecting activities: <input type="checkbox"/> Yes <input type="checkbox"/> No							\$ _____ Possible Funding Source(s)
4 Safe School Environment	Access Control. District can remotely lock exterior building doors in the event a C-19+ student or staff enters school grounds.	The district has a functional IP-connected Access Control system: <input type="checkbox"/> Yes <input type="checkbox"/> No; analog system installed. <input type="checkbox"/> No system installed.							\$ _____ Possible Funding Source(s)
		Teachers can share electronic course content regardless of student location: <input type="checkbox"/> Yes <input type="checkbox"/> No							\$ _____ Possible Funding Source(s)
5 Technology-Enriched Environments	Remote testing. Teachers can easily test students on curriculum regardless of the student's location on a secure platform.	Teachers can securely test students knowledge on a specific topic regardless of student location: <input type="checkbox"/> Yes <input type="checkbox"/> No							\$ _____ Possible Funding Source(s)
		Students have access to and take-home privileges for their: Devices: <input type="checkbox"/> Yes <input type="checkbox"/> No Hot spots: <input type="checkbox"/> Yes <input type="checkbox"/> No							\$ _____ Possible Funding Source(s)
6 Personalized Learning	Video Conferencing. District can implement, control access, support and maintain a secure videoconferencing platform.	The district has a secure videoconferencing platform: <input type="checkbox"/> Yes; specify: _____ <input type="checkbox"/> No system in place All student and teacher devices have built-in video cameras and audio microphones: <input type="checkbox"/> Yes <input type="checkbox"/> Some but not all							\$ _____ Possible Funding Source(s)
		Teachers have access to and take-home privileges for their: Devices: <input type="checkbox"/> Yes <input type="checkbox"/> No Hot spots: <input type="checkbox"/> Yes <input type="checkbox"/> No							\$ _____ Possible Funding Source(s)
7 Anywhere/Anytime Learn-Teach-Work	Continuity of Learning, Teaching and Working. Students, teachers and staff can perform their functional roles from a district building or remote location (home, other school space, community space). Fluctuation of Continuity. District can change learn/teach/work locations within one business day if local outbreak is reported.	Both school and remote operations are supported: <input type="checkbox"/> Yes <input type="checkbox"/> No							\$ _____ Possible Funding Source(s)
		Support staff have access to and take-home privileges for their: Devices: <input type="checkbox"/> Yes <input type="checkbox"/> No Hot spots: <input type="checkbox"/> Yes <input type="checkbox"/> No							\$ _____ Possible Funding Source(s)
8 Admin and Staff Computing Devices	Remote Workforce. Teachers and district staff can perform their functional roles from a district building or a remote location (home, other school space, community space).	The district has a mechanism to track all one-time and recurring software costs associated with C-19 preparedness: <input type="checkbox"/> Yes <input type="checkbox"/> No							\$ _____ Possible Funding Source(s)
		The district has a mechanism to track all C-19 preparedness related device service and support costs, and refresh rates: <input type="checkbox"/> Yes <input type="checkbox"/> No							\$ _____ Possible Funding Source(s)
9 Annual Instructional Software	Incremental Software Costs. Including videoconferencing, health monitoring, student tracking and other incremental applications. Consider one-time and recurring costs.								\$ _____ Possible Funding Source(s)
									\$ _____ Possible Funding Source(s)
10 Service Maintenance Agreements	Incremental Service Maintenance Agreements. Including remote health and tracking devices. Also consider device refresh rates.								\$ _____ Possible Funding Source(s)
									\$ _____ Possible Funding Source(s)
			TOTAL 2-YEAR ESTIMATED DISTRICT C-19 TECHNOLOGY BUDGET						\$ _____

NOTES

A = The federal Coronavirus Aid, Relief, and Economic Security (CARES) Act allocates \$13.2 billion for K-12 education "to address the impact that Novel Coronavirus Disease 2019 (COVID-19) has had, and continues to have."
 B = The CARES Act also includes \$2.95 billion for the Governor's Emergency Education Relief Fund (GEER) which provides grants to Governors to assist educational agencies with emergency assistance to address the impact of COVID-19."
 C = CDC information based on their federal website. NYS May 27, 2020 district requirements are from the New York State website. Both websites are being updated daily so click the links above for the latest news.
 D = These are speculative technology requirements based on emerging federal, state, and regional trends. This plan template will be updated when NYSED releases its '20/'21 district reopening requirements.

IMPORTANT: The content of this District Covid-19 Technology Planning template is based on the cited sources as of 5.27.2020 and is meant for informational purposes only based on current conditions. All content is superseded by any new or updates to existing CDC, NYS, and regional guidelines and requirements.



BUILDING CODES

E-1 Elementary School 1 E-2 Elementary School 2 M Middle School H High School B Bus Garage ALL District-Wide (all buildings)

FUNDING SOURCES

ESSERF Federal CARES Act ESSERF Funding^A GEER Governor's Emergency Education Relief Fund^B SSBA Smart School Bond Act BOCES BOCES Aidable CAP Capital Project E-RATE E-Rate IMA Instructional Material Aid SFS Safe Schools OPS Operations

Current CDC/NYS school district operational requirement as of 5.6.2020.^A Speculative possible new Sept. '20 district reopening requirement.^B

DISTRICT TECH GOALS	C19 PREPAREDNESS REQUIREMENTS	DISTRICT TECH SYSTEM(S) CURRENT CONDITIONS	LIST OF ADDITIONAL TECHNOLOGY PROJECTS NEEDED						GOAL BUDGETS	
			2Q2020	3Q2020	4Q2020	1Q2021	2Q2021	3Q2021		4Q2021
1 Reliable Sustainable Technology Infrastructure	District infrastructure can support increased demand from: • Remote access from student and teacher devices, and; • Incremental software integrations/processing requirements.	How likely can the district reliably support an increase on its infrastructure by 20 - 35% over its current average daily usage: <input type="checkbox"/> Extremely likely <input checked="" type="checkbox"/> Likely <input type="checkbox"/> Not likely <input type="checkbox"/> Not at all likely								\$ _____ Possible Funding Source(s)
	District networks can support increased demand from: • Remote access from student and teacher devices; • Videoconferencing applications, and; • Incremental software integrations/processing requirements.	How likely can the district reliably support an increase on its network by 20 - 35% over its current average daily usage: <input type="checkbox"/> Extremely likely <input checked="" type="checkbox"/> Likely <input type="checkbox"/> Not likely <input type="checkbox"/> Not at all likely								\$ _____ Possible Funding Source(s)
2 Highly Reliable Network Connectivity	School/Community Communications. Web, email, videoconferencing, text, public access TV, etc.	The district has access/uses to the following: <input checked="" type="checkbox"/> Videoconferencing <input type="checkbox"/> Broadcast text <input type="checkbox"/> Public access TV								\$ <u>630,500</u> Possible Funding Source(s)
	Mass Notification. District can easily notify building occupants if a Lockdown, Lockout or other event is triggered.	The district has an IP-connected Mass Notification system: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, analog system in place <input type="checkbox"/> No system in place								
	Public Address. Mass Notification is integrated with district's Public Address system for automated building broadcasts.	The district's PA system is integrated with Mass Notification system: <input checked="" type="checkbox"/> Yes; specify: _____ <input type="checkbox"/> No system in place								
	Master Clock. District can easily reprogram class schedules by building based on how classes may be structured in the Fall of '20.	The district has an IP-connected Master Clock system: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No, analog system in place <input type="checkbox"/> No system in place								
	Health Monitoring. District can measure student, staff and visitor temperatures easily via thermal imaging or other means.	The district has a thermal imaging system integrated with existing systems: <input type="checkbox"/> Yes; specify: _____ <input checked="" type="checkbox"/> No system in place								
	Contact Tracing. District can monitor students geographic locations for C19 contact tracking in a NYSED-compliant manner.	The district plans to use a contact tracking system in '20/'21: <input type="checkbox"/> Yes; specify: _____ <input checked="" type="checkbox"/> No								
3 Enhanced Communications	Social Distancing. Teachers using split classrooms (50% of students in one room and other 50% in adjacent classroom).	The district can mirror its Flat Panel Display/Projector between two or more classrooms: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								
	Cleaning & Disinfecting. District uses a work order software application or equivalent to track and report all building cleaning.	The district uses a web-based work order system to track, monitor and report all cleaning and disinfecting activities: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No								
4 Safe School Environment	Access Control. District can remotely lock exterior building doors in the event a C-19+ student or staff enters school grounds.	The district has a functional IP-connected Access Control system: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No; analog system installed. <input type="checkbox"/> No system installed.								
	Curriculum sharing. Teachers can easily share electronic course content between adjacent classrooms to maintain social distancing.	Teachers can share electronic course content regardless of student location: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								\$ _____ Possible Funding Source(s)
5 Technology-Enriched Environments	Remote testing. Teachers can easily test students on curriculum regardless of the student's location on a secure platform.	Teachers can securely test students knowledge on a specific topic regardless of student location: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								
	Continuity of Learning. Students can learn the same curriculum based on individual learning style whether in the classroom or from a remote location (home, other school space, other community space).	Students have access to and take-home privileges for their: Devices: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Hot spots: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No								\$ <u>28,500</u> Possible Funding Source(s)
6 Personalized Learning	Video Conferencing. District can implement, control access, support and maintain a secure videoconferencing platform.	The district has a secure videoconferencing platform: <input checked="" type="checkbox"/> Yes; specify: <u>zoom app</u> <input type="checkbox"/> No system in place All student and teacher devices have built-in video cameras and audio microphones: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> Some but not all								\$ _____ Possible Funding Source(s)
	Continuity of Learning, Teaching and Working. Students, teachers and staff can perform their functional roles from a district building or remote location (home, other school space, community space).	Teachers have access to and take-home privileges for their: Devices: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Hot spots: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								
7 Anywhere/Anytime Learn-Teach-Work	Fluctuation of Continuity. District can change learn/teach/work locations within one business day if local outbreak is reported.	Both school and remote operations are supported: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								
	Remote Workforce. Teachers and district staff can perform their functional roles from a district building or a remote location (home, other school space, community space).	Support staff have access to and take-home privileges for their: Devices: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Hot spots: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No								\$ <u>2,500</u> Possible Funding Source(s)
8 Admin and Staff Computing Devices	Incremental Software Costs. Including videoconferencing, health monitoring, student tracking and other incremental applications. Consider one-time and recurring costs.	The district has a mechanism to track all one-time and recurring software costs associated with C-19 preparedness: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								\$ _____ Possible Funding Source(s)
	Incremental Service Maintenance Agreements. Including remote health and tracking devices. Also consider device refresh rates.	The district has a mechanism to track all C-19 preparedness related device service and support costs, and refresh rates: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No								\$ _____ Possible Funding Source(s)
9 Annual Instructional Software										
10 Service Maintenance Agreements										
TOTAL 2-YEAR ESTIMATED DISTRICT C-19 TECHNOLOGY BUDGET									\$ <u>672,200</u>	

NOTES

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