



CHAPPAQUA
Central School District

March 17, 2021

Proposed Technology Budget 2021-2022

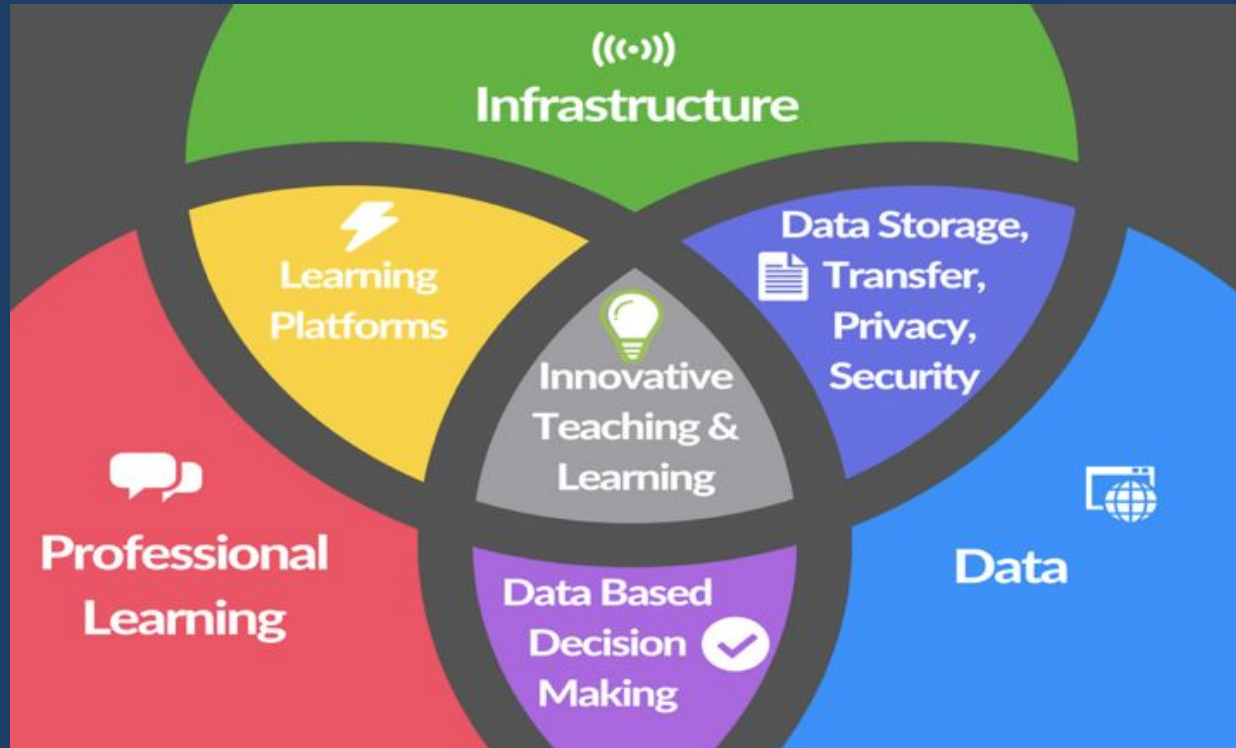
Josh Culwell-Block
**Director of Technology, Innovation &
Mathematics**

Technology Department Vision

The Chappaqua Central School District will create an innovative, agile atmosphere of learning that leverages advanced instructional technologies to support active learning environments. We will continually improve our **secure and private Education Law 2-D compliant** infrastructure and **policies** to support and advance District instructional visions and goals.



Budget Components





Proposed Budget

Computer Assisted Instruction	2019-20		2020-21		2021-22	Approved '20-'21 vs. Proposed '21-'22	
	Approved	Actual	Approved	Year End Projection	Proposed	Variance \$	Variance %
Equipment	253,000	188,549	240,000	240,000	240,000		
Contract Services	1,312,117	1,383,050	1,531,481	1,531,481	1,737,425		
Travel/Conferences	2,500	2,555	2,500	2,500	2,500		
Technology Training	40,000	40,542	40,000	40,000	40,000		
Supplies	93,000	274,016	93,000	93,000	99,000		
State Aided Computer Software	180,000	176,065	220,000	220,000	265,000		
BOCES	30,000	0	30,000	30,000	30,000		
BUDGET TOTAL	\$1,910,617	\$2,064,777	\$2,156,981	\$2,156,981	\$2,413,925	\$256,944	11.91%
LEASE TOTAL			\$769,324	\$769,325	\$768,017	(\$1,307)	-0.07%
TOTAL			\$2,926,305	\$2,926,305	\$3,196,942	\$255,637	6.19%



NY Ed Law 2-D Impact

**Protect Personally
Identifiable
Information**



**Bill of Rights for
Data Privacy and
Security**



**Data Security and
Privacy Policies**



**NIST
Cybersecurity
Framework**





NY Ed Law 2-D Impact

**Third Party
Contracts**



**Annual
Training**



**Unauthorized
Disclosure
Complaint
Procedure**



**Incident
Reporting and
Notification**



**Data
Protection
Officer**



Data Privacy and Security



Amplified IT



Digital Learning Goals

1. Support Chappaqua students to be thoughtful learners and critical thinkers by providing a technology-infused, active learning environment.
2. Prepare Chappaqua students to become collaborative citizens.
3. Create an environment that increases the value and efficiency of learning time.



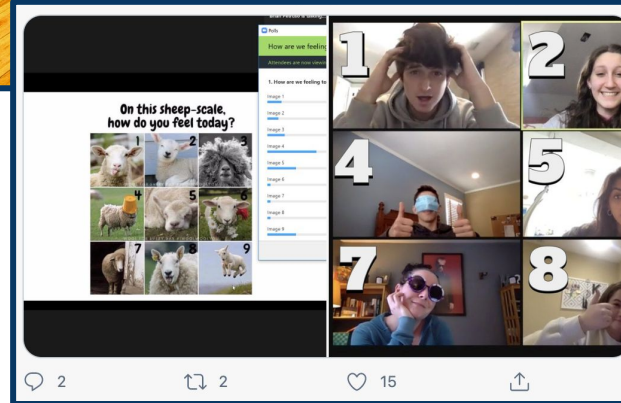
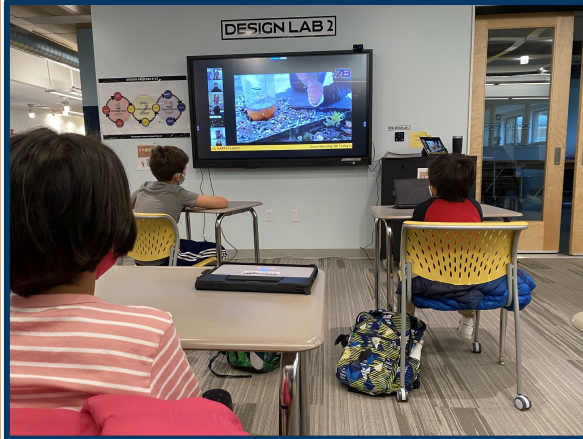
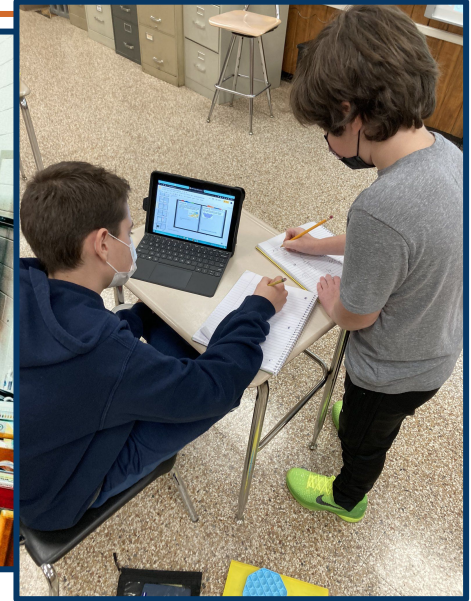
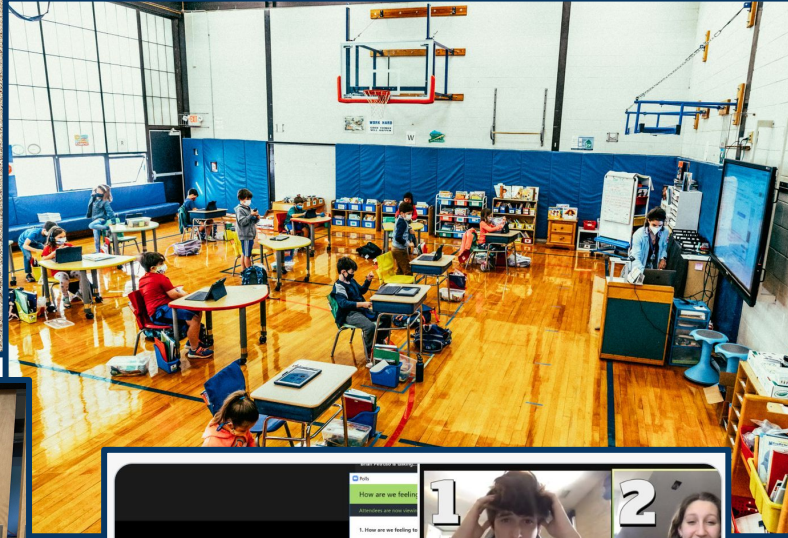
1:1 Rollout

Chappaqua Central School District 1:1 Planning

Grade	18-19	19-20	20-21	21-22
K & 1	Planning	Implementation	Implementation	Evaluation
2	Planning	Implementation	Evaluation	
3 & 4	Implementation	Evaluation		Planning
5 & 6	Implementation	Evaluation	Planning	Refresh
7 & 8	Planning	Implementation	Evaluation	
9-12	Planning	Implementation	Evaluation	Planning



Hybrid Learning Spaces

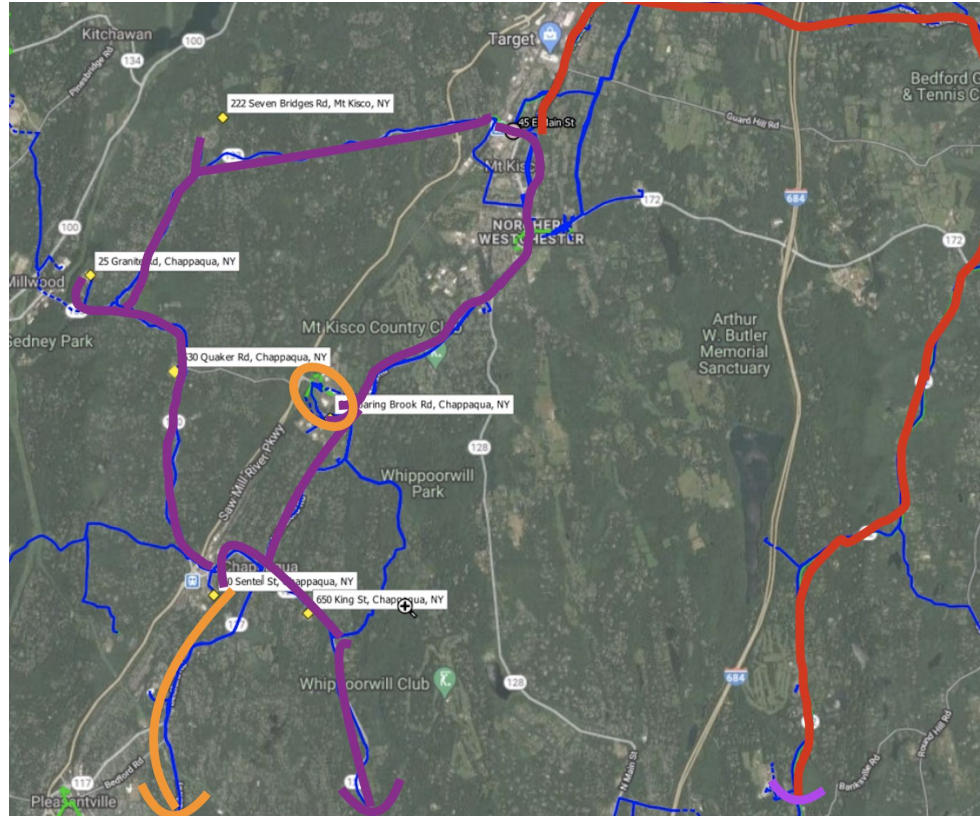


Flexible Hybrid Spaces

- ❑ High Definition Cameras
- ❑ Microphones
- ❑ Seamless Mobile Device Connections
- ❑ Audio Output Devices
- ❑ Wireless Upgrades
- ❑ Internet Upgrade and Redundancy



Network Redundancy



Technology Inventory

	20-21	21-22
District Servers	11	8
Desktop PCs	416	250
iMacs	35	40
PC Laptops	1885	1900
iPads	1692	1700
MacBooks	332	340
SmartBoards / Flat Panels	220	220
Printers	334	300





Hardware Projections

Year	iPads	MacBooks	PC Laptops	PC Desktops	Printers
2019-20	1324	359	1782	680	352
Current	1692	332	1885	416	334
2021-22	1700	340	1900	200	300
2022-23	1692	332	1885	150	200



Instruction – Safety – Compliance

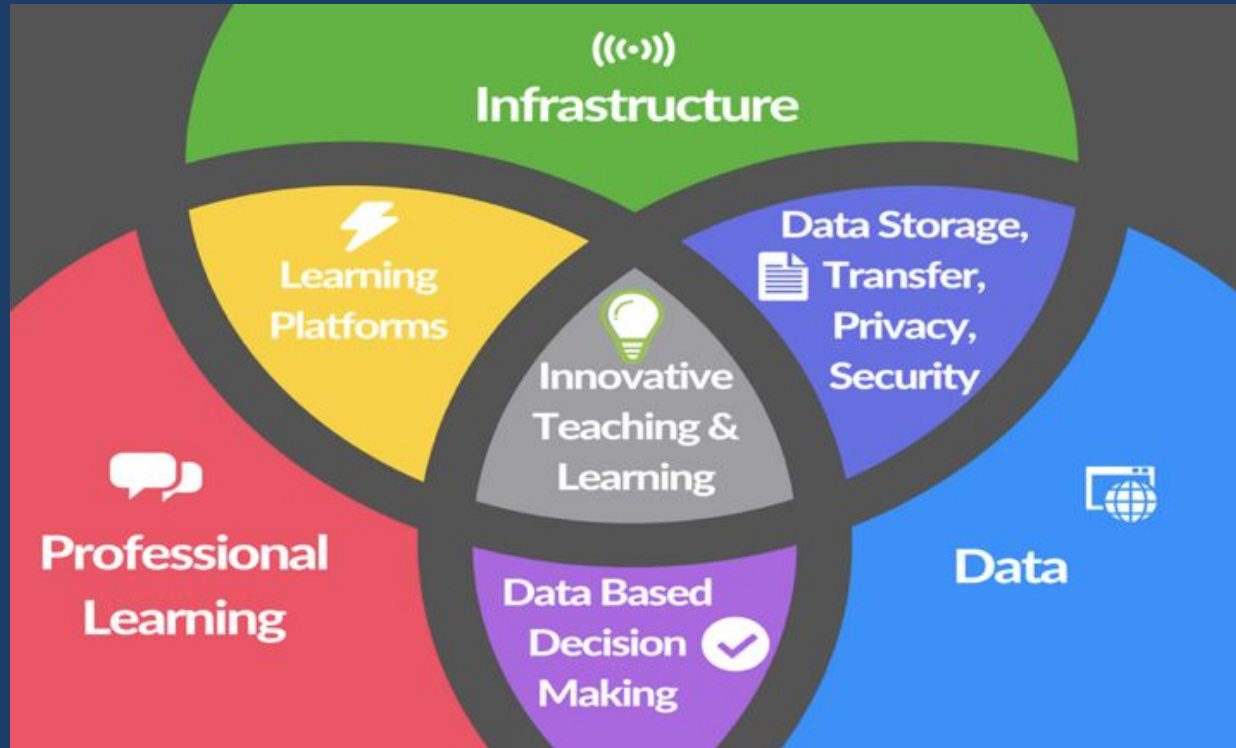
Category	Amount	Detail
Equipment	\$0	<ul style="list-style-type: none">• Cloud Computing / Fewer Servers
Contractual Services	+\$205,944	<ul style="list-style-type: none">• Ed Law 2-D Requirements• Cybersecurity & Data Privacy• Disaster Recovery• Network Redundancy• Technical Support Services• iPad / Laptop Repairs• Cloud Computing• Network and Device Security Audits
State Aided Software	+\$45,000	<ul style="list-style-type: none">• Data Privacy Protection, Ed Law 2-D Requirements• Cyber security: Filtering & Monitoring• 1:1 Instructional & Back End Software• Communications Systems
Supplies & Lease	+19,693	<ul style="list-style-type: none">• Hybrid Classroom Equipment• 5th Grade Laptop Refresh• Display Refresh



Associate Director of Technology

- ▣ **Data Privacy**
- ▣ **District Communications, Websites & Media**
- ▣ **Information Reporting**
- ▣ **Student Information Systems**
- ▣ **Learning Management Systems**
- ▣ **Supervise Computer Lab Aides**
- ▣ **Supervise Help Desk Technicians**
- ▣ **End-User Device Management**

Budget Components





Thank You