



2020-2021 Proposed Educational Technology Budget

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Director of Technology
February 23, 2021

2018-2021 Plan Technology Vision

Vision: The Peekskill City School District is a community of learners who collaborate, explore, and seamlessly apply technology throughout all aspects of teaching and learning.

We will provide diverse opportunities to integrate technology throughout instruction within a secure and equitable digital environment to become innovative, successful, and responsible members of a global information-rich society.

2018-2021 Plan Technology Goals

Goals:

- Provide district public-facing websites and digital content to ensure compliance with WCAG 2.0 regulations under the Americans with Disabilities Act.
- Reinforce systems and processes to ensure all student data is protected and compliant with federal and local laws pertaining to data privacy and security. This includes training for professional staff regarding best practices for protecting student privacy and data.
- Provide a district wide technology rich environment that supports an aligned rigorous curriculum which integrates and includes Computer Science and STEAM.

Technology for Hybrid and Virtual Learning

- Chromebooks for Students
 - 1200 Chromebooks for 1 to 1 (20-21 budget)
 - Over 2,200 Chromebooks provided to students PreK -12
- Chromebooks for staff
 - Used for the second device when teaching remotely so they can see the students
- Wifi Hotspots (Mifi's)
 - 430 units purchased (400, 20-21 budget)
 - 280 have been provided to families
- Webcams and Document cameras for all teachers

- Parent Workshops provided in the community and virtually
- Professional Development provided for teachers and office staff
- Tech Support Phone Line created for parents
- In-person technology support at schools provided by technology teaching assistants
- Software to filter Chromebooks

Technology for Teaching and Learning

- Online Tools, Databases, Software
- Essential Technology tools
 - Wireless Access, Computers, Laptops, Chromebooks, Google Tools, Document Cameras, Digital Microscopes, TI-Inspire Calculators
- Replacement of aging technology
 - Computers, Chromebooks, Interactive Displays, Infrastructure Hardware



Cybersecurity

Student Cyber Safety

- Balancing the use of screen time
 - Not all lessons are expected to require the use of a device.
- Online safety and digital citizenship
 - Covered in every grade level
 - Classroom teacher, Library Media Specialists, Elementary Technology Teaching Assistants
 - One-to-one student training at beginning of the school year
 - Online safety, digital citizenship and device care
 - Teacher PD
 - Parent workshops
- Student Data Privacy
 - Vendors are required to sign-off on having limited access to our students' data
 - Staff Training
 - Student Training
 - Establish Policy and Procedures
 - Developing Data Privacy Website for Parents

Protecting Network, Systems and Data

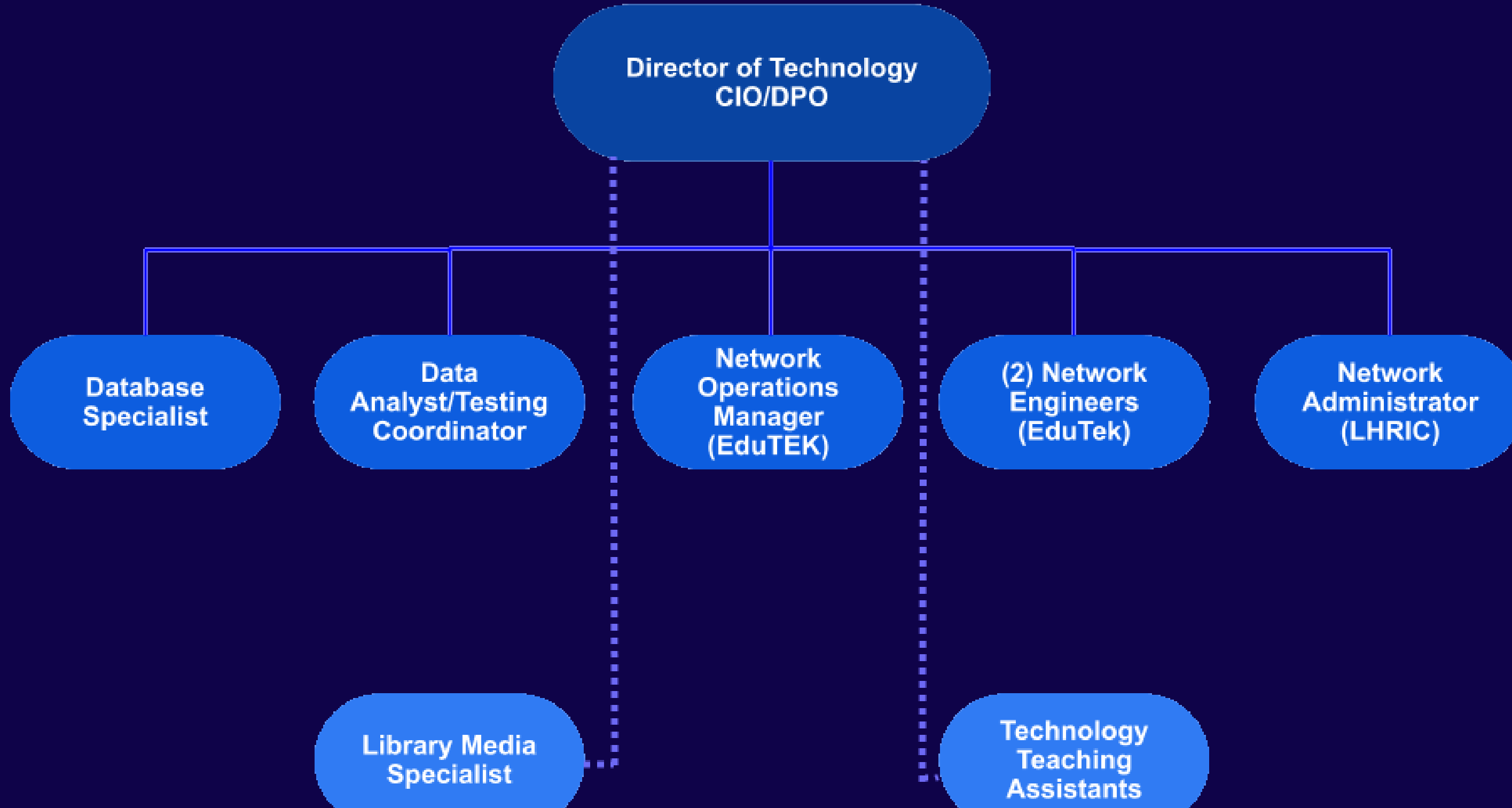
- Common Threats District Face
 - Data Breach
 - Spoofing/Phishing Emails
 - Malware that sometimes leads to Ransomware
 - Outdated Software Vulnerabilities
 - Removable Media
- Protecting our Networks and Systems from Threats
 - Develop policies and promote policies on responsible use.
 - Store data securely
 - Use firewalls, filters and user access lists
 - Monitor networks continually
 - Have plans in case of an incident – Disaster Recovery
 - We are currently documenting our Cybersecurity Procedures using the NIST (US Dept. of Commerce – National Institute of Standards and Technology).



Administrative Tools

- **Communication Tools**
 - District, Building and Class Webpages
 - Peekskill Mobile App
 - Infinite Campus Parent/ Student Portal
 - Google Classroom Parent Summary Email
 - Blackboard Connect Calls and Texts
 - VoIP Teacher Voicemail
 - Remind App for sending texts to parents and secondary students
- **Translation Headsets**
- **Frontline**
- **nVision**
- **Infinite Campus**
 - Student Information System
 - Tableau Data Dashboard
 - Online Registration

Technology Staff



IPA (Installment Purchase Agreement)

Purpose	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
Chromebooks, Whiteboards, Uriah Hill, Oakside Infrastructure Upgrade (16-17)	\$67,674.00	\$62,034.50				
PHS Computer and Laptop Replacement, Whiteboards, Projector Replacements (17-18)	\$75,472.44	\$75,472.44	\$69,183.07			
IPA - Hillcrest and Oakside Computer Replacement, Whiteboards, Chromebooks (18-19)	\$77,479.08	\$77,479.08	\$77,479.08	\$77,479.08	\$45,196.13	
Woodside, Uriah, Middle School Computer Replacement, Whiteboards, Chromebooks (19-20))	\$70,871.76	\$94,495.68	\$94,495.68	\$94,495.68	\$23,623.92	
PHS Whiteboards Replacement, Chromebooks (2020-2021)	\$70,000.00	\$90,000.00	\$90,000.00	\$90,000.00	\$90,000.00	\$20,000.00
PHS & WS Computer Replacement, STEAM PHS & HC, HC Displays, Chromebooks (2021-2022)		\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00
IPA TOTALS	\$361,497.28	\$499,481.70	\$431,157.83	\$361,974.76	\$258,820.05	\$120,000.00

IPA (Installment Purchase Agreement)

Purpose	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26	Cost	BOCES AID	Net Cost
Chromebooks, Whiteboards, Uriah Hill, Oakside Infrastructure Upgrade (16-17)	\$67,674.00	\$62,034.50					\$338,370.00	\$236,859.00	\$101,511.00
PHS Computer and Laptop Replacement, Whiteboards, Projector Replacements (17-18)	\$75,472.44	\$75,472.44	\$69,183.07				\$308,179.13	215725.391	\$92,453.74
IPA - Hillcrest and Oakside Computer Replacement, Whiteboards, Chromebooks (18-19)	\$77,479.08	\$77,479.08	\$77,479.08	\$77,479.08	\$45,196.13		\$300,000.00	\$210,000.00	\$90,000.00
Woodside, Uriah, Middle School Computer Replacement, Whiteboards, Chromebooks (19-20))	\$70,871.76	\$94,495.68	\$94,495.68	\$94,495.68	\$23,623.92		\$377,982.72	264587.904	\$113,394.82
PHS Whiteboards Replacement, Chromebooks (2020-2021)	\$70,000.00	\$90,000.00	\$90,000.00	\$90,000.00	\$90,000.00	\$20,000.00	\$450,000.00	\$315,000.00	\$135,000.00
PHS & WS Computer Replacement, STEAM PHS & HC, HC Displays, Chromebooks (2021-2022)		\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$100,000.00	\$500,000.00	\$350,000.00	\$150,000.00
IPA TOTALS	\$361,497.28	\$499,481.70	\$431,157.83	\$361,974.76	\$258,820.05	\$120,000.00	\$1,327,982.72	\$929,587.90	\$398,394.82



COST

\$1,327,982.72

BOCES AID

\$929,587.90

NET COST

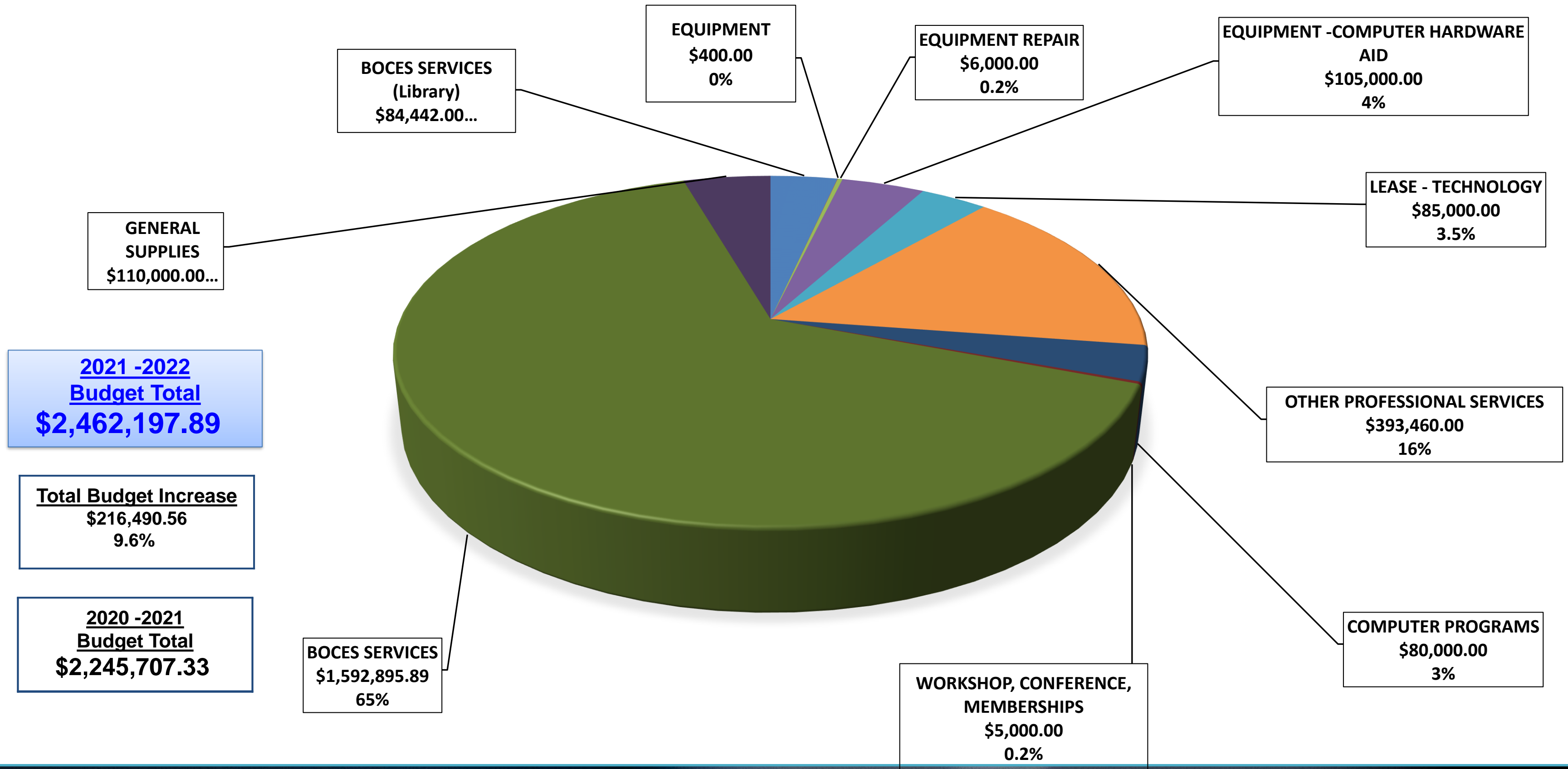
\$398,394.82

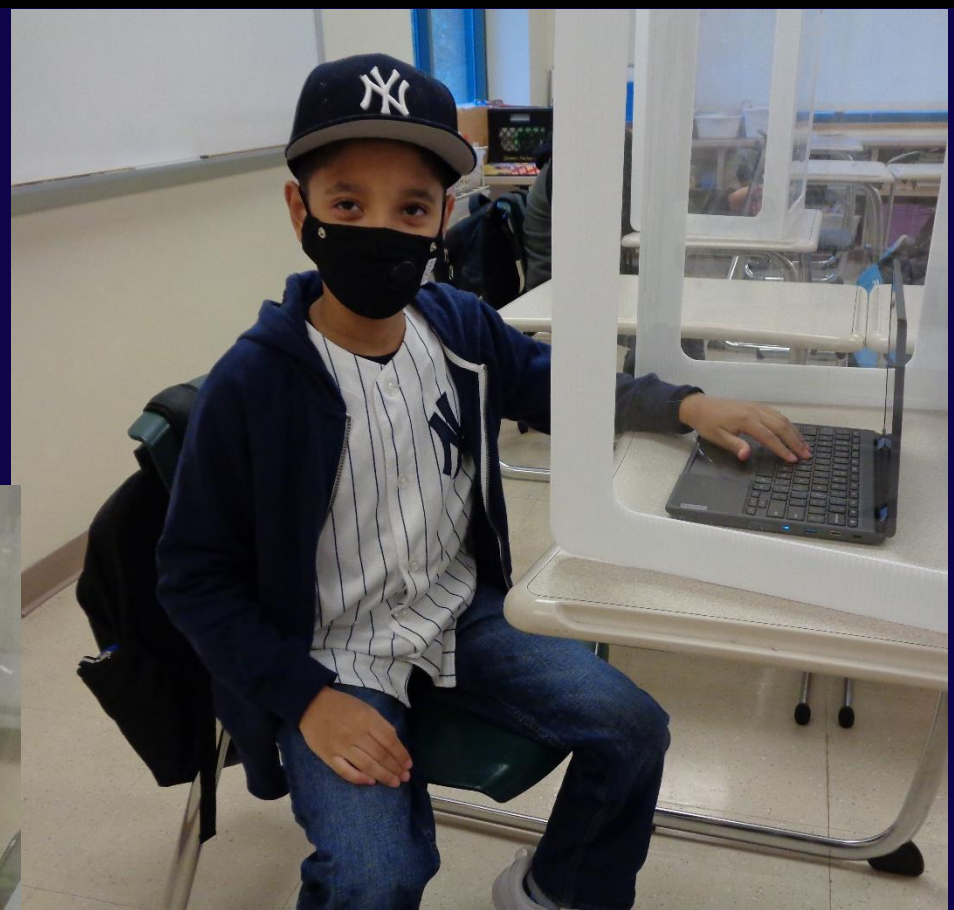


Lease

Purpose	2020-21	2021-22	2022-23	2023-24	2024-25	2025-26
19-20 - Woodside & Uriah, Computer Replacement, Middle School, Display Replacement, Infrastructure Maintenance	\$25,000.00	\$25,000.00	\$25,000.00	\$25,000.00		
20-21 - PHS Display Replacement, Infrastructure Maintenance	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	
21-22 PHS & WS Computer Replacement, STEAM fo PHS & HC, HC Displays, Infrastructure Maintenance, Display Replacement		\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00	\$30,000.00
Lease TOTALS	\$55,000.00	\$85,000.00	\$85,000.00	\$85,000.00	\$60,000.00	\$30,000.00

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QUESTIONS?



Thank You!