Instruction

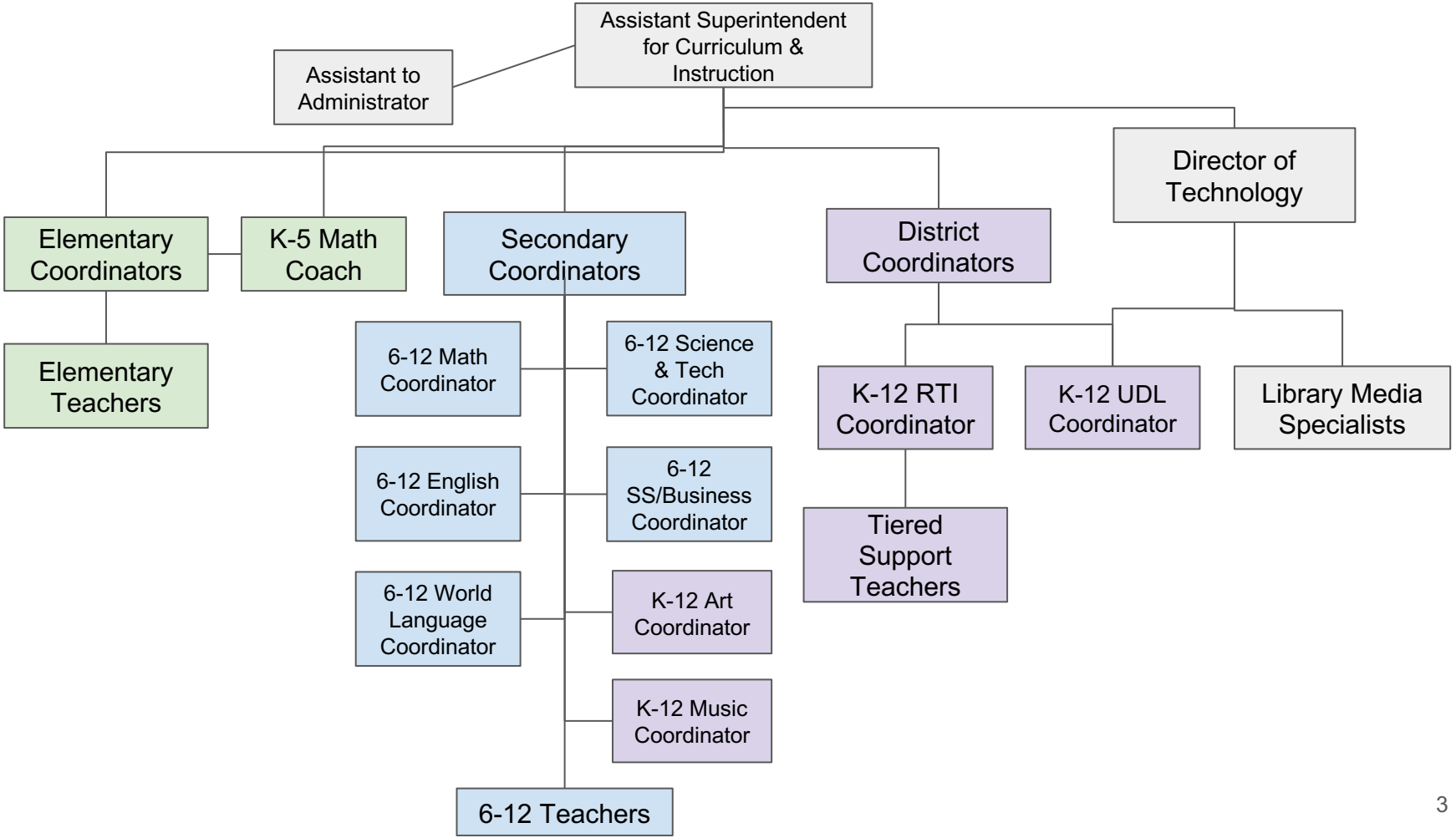
General Education, Special Education and Technology

March 13, 2024

General Education

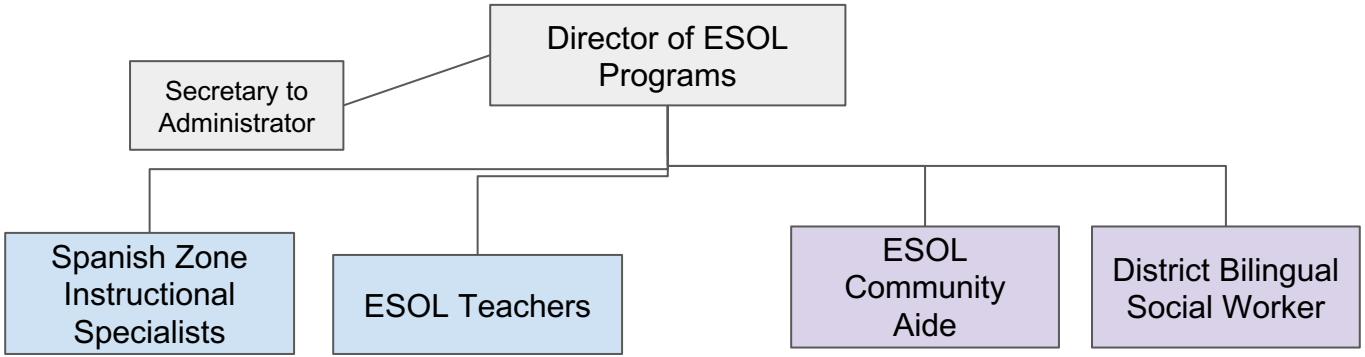
Curriculum, Instruction & Assessment

Ms. Amy Fishkin


Assistant Superintendent for Curriculum & Instruction
Assistant to Administrator
Director of Technology
Elementary Coordinators
K-5 Math Coach
Secondary Coordinators
District Coordinators
Elementary Teachers
6-12 Math Coordinator
6-12 Science & Tech Coordinator
K-12 RTI Coordinator
K-12 UDL Coordinator
Library Media Specialists
6-12 English Coordinator
6-12 SS/Business Coordinator
Tiered Support Teachers
6-12 World Language Coordinator
K-12 Art Coordinator
K-12 Music Coordinator
6-12 Teachers

English to Speakers of Other Languages

Ms. Adrienne Viscardi



Curriculum Department Overview

This office is responsible for the K-12 instructional program and for the coordination of professional development to provide continuous education and instructional support to the district's professional staff. Examples of the work of this office include, but are not limited to, the following:

- Development and implementation of a curriculum review cycle for all academic disciplines, including periodic program review and evaluation, curriculum revision, and program selection.
- Articulation of the elementary, middle, and high school instructional programs and coordination of instructional and curricular support to administrative staff and classroom teachers.
- Preparation and analysis of the annual Student Achievement Report, along with ongoing curriculum-based assessments, to inform decision making.
- Management of state and federal grants, coordination of all program improvement projects and professional development activities including conference attendance and consultancies.
- Administration and analysis of national, state, and district assessments.
- Planning and coordination of a variety of innovative programs to accelerate and maximize student learning during and beyond the school day and year.
- Coordination of the Annual Professional Performance Review process for staff, the goal setting, supervision, evaluation, and professional learning cycle that promotes continuous improvement across the district.
- Coordination of Professional Learning Plan, new teacher induction process, Superintendent Conference Days

Curriculum and Instruction Includes:

- New York State Learning Standards
- Written Curriculum & Resources
- Instructional Strategies
- Student Assessment
- Professional Development
- Response to Intervention (RTI)
- Social-Emotional Learning (SEL)
- Character Education
- Outdoor Education
- ASPIRE Program
- Universal Design for Learning (UDL)
- STEAM & Interdisciplinary Experiences
- Supervision and Evaluation
- Literacy - Reading, Writing, Listening, Speaking
- Mathematics
- Science & Technology
- Social Studies & Business
- World Language
- ENL & Bilingual Programs
- Health & Physical Education
- Music & Performing Arts
- Visual Arts
- Guidance Department
- School Library & Information Literacy
- Enrichment Opportunities
- Advancement via Individual Determination (AVID)

BOCES/LHRIC Services

Secondary Technical and Career Education

Environmental Education Programs

Curriculum Council

Arts in Education

Exploratory Enrichment

GCN Online Compliance Training

Future School Leaders Academy

Curriculum Center Membership

Regional Professional Development

On-site Consulting Services

Young Authors Master Class

ACTION Network Collaborative

SS/ELA Online Curriculum Resources

Science 21 Curriculum Materials & Training

Fundations Training

Test Scoring

Staffing Includes

- Elementary Teachers (Pre-K-6)
- Secondary Teachers (7-12)
- Library Media Specialists
- Special Education Teachers
- ESOL Teachers
- Bilingual Instructional Specialists
- School Psychologists
- Speech-Language Therapists
- Occupational Therapists
- Physical Therapists
- Behaviorist
- Social Workers
- School Nurses

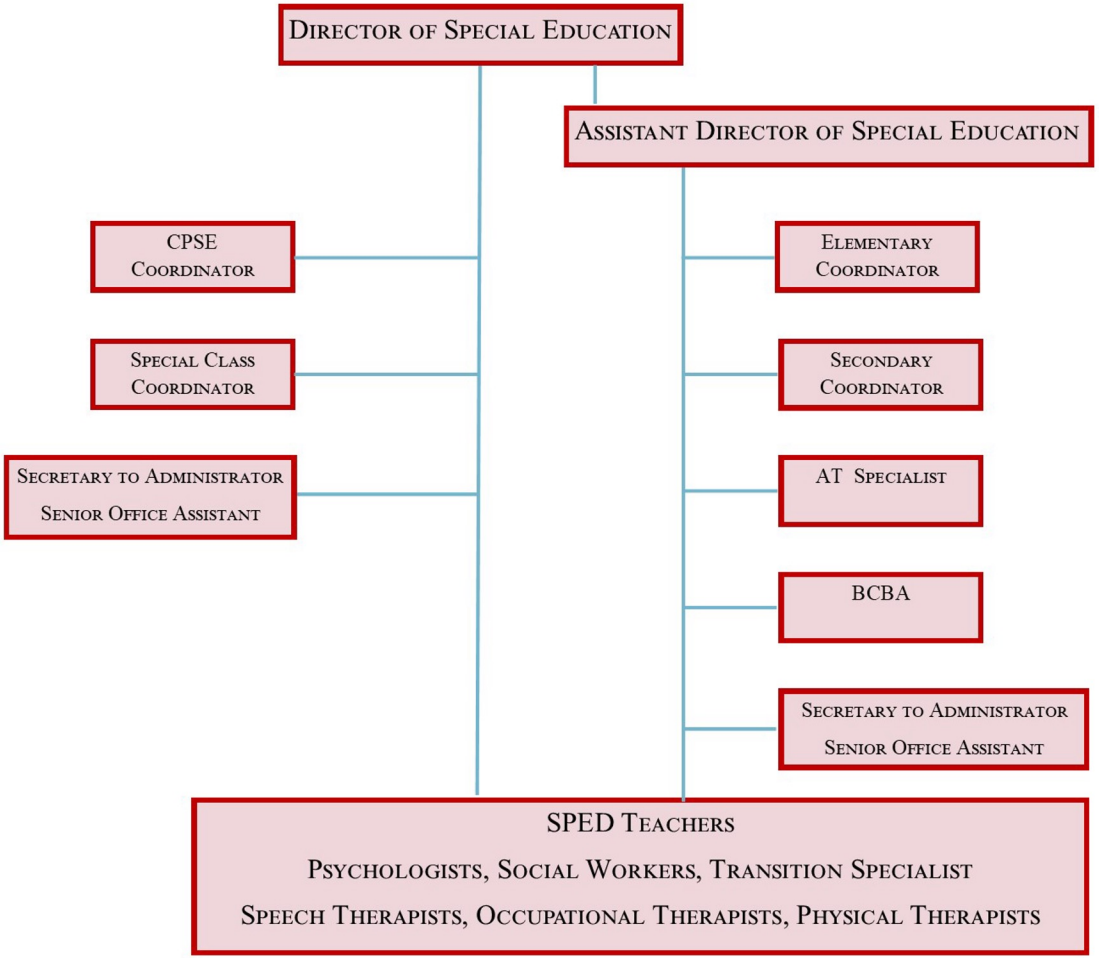
- Administrators:
  - District Administrators
  - District Directors
  - Principals
  - Assistant Principals
- Deans
- Coordinators
- Community Liaisons
- Safety Monitors
- School Resource Officer (SRO)
- Teacher Aides (Special Education)
- Teacher Aides (Building support)
- Instructional Assistants (IA)
- Clerical Support
- Custodians

Planning for 2024-2025

- Continue to align and refine curriculum, instruction, and assessment in all areas of the Curriculum Review Cycle with particular focus on Phase I
- Continue focus on K-12 Literacy curriculum, instruction, and professional development aligned to Science of Reading
- Implementation of new K-5 literacy curriculum aligned to Science of Reading
- Year 3 implementation of K-5 math curriculum and 6-8 math curriculum review
- Roll out K-12 curriculum mapping structure aligned to Curriculum Review Cycle
- Ongoing development and assessment of MTSS structures and supports
- Analysis of new Grade 5 & 8 NYS Science assessment

Special Education

Toni Ann Carey
Dana Keith


Director of Special Education
Assistant Director of Special Education
CPSE Coordinator
Special Class Coordinator
Secretary to Administrator
Senior Office Assistant
Elementary Coordinator
Secondary Coordinator
AT Specialist
BCBA
Secretary to Administrator
Senior Office Assistant
SPED Teachers
Psychologists, Social Workers, Transition Specialist
Speech Therapists, Occupational Therapists, Physical Therapists

Special Education Department Student Count

*as of October Snapshot date

Year	Total Number of Classified Preschool Students	Total Number of Classified School Age Students	Number of Classified School Age Students Placed Out of District
2019-2020	116	554	16
2020-2021	86	584	24
2021-2022	93	558	25
2022-2023	107	597	30
2023-2024	102	604	23

Continuum of Services in BCSD

- General Education Services
- Related Services (Speech, Occupational Therapy, Physical Therapy, Counseling, Social Skills Groups, Specialized Reading)
- Consultant Teacher Services
- Resource Room
- Integrated Co-Teaching
- Special Class
- Out of District Placements:
  - Other Public School Districts or BOCES
  - Private day schools
  - Residential schools
  - Home and Hospital Services

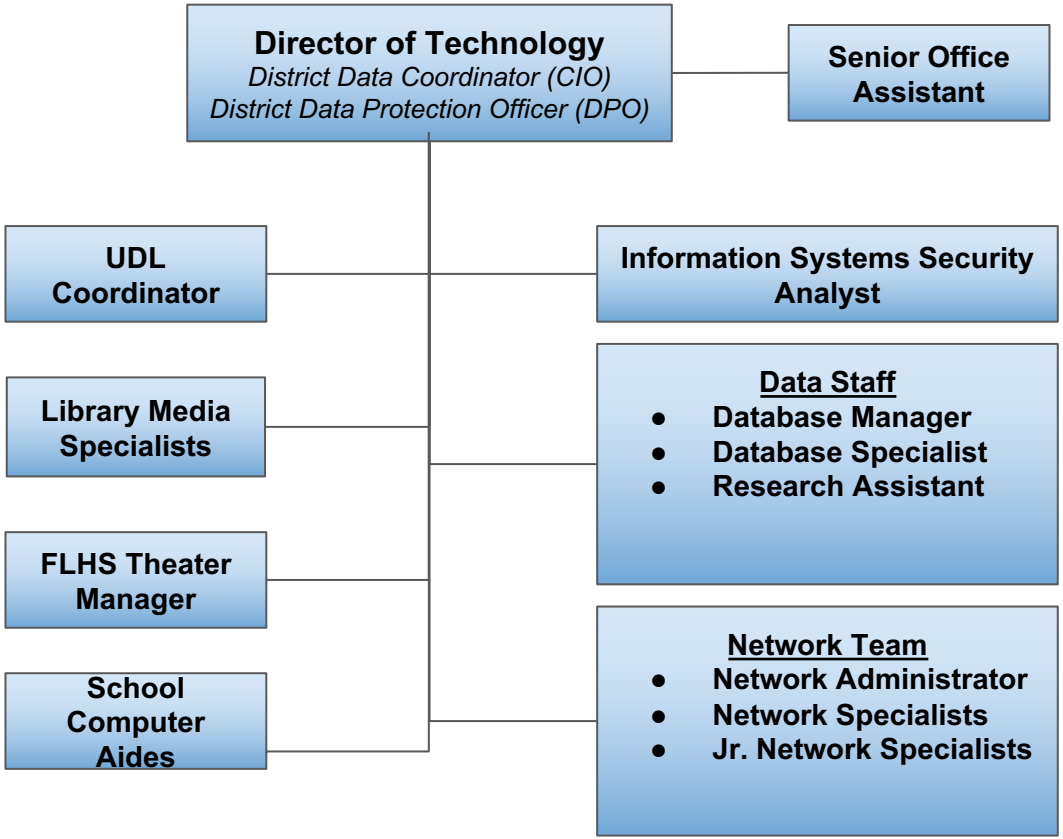
Current Special Education Personnel

Special Education Teachers	53
Psychologists /Social Workers	17.5
Speech and Language Pathologists	13.2
Occupational Therapists	6
Physical Therapists	3
Instructional Assistants	36
Aides	67
Board Certified Behavior Analyst	1
Job Coaches	2
Transition Specialist	1
Assistive Technology Coordinator	1

Areas of Focus for 2024-2025

- Continue to monitor CSE process including pre-referral intervention, referral, evaluation, eligibility determination, and program implementation and evaluation
- Review PCG study results to determine potential programmatic and budgetary implications
- Continue multi-year planning to respond to the needs of students and develop programs with the goal of supporting students within district, in the students' home schools
- Continue to support inclusion opportunities for all students and provide professional development to support inclusion and co-teaching practices

Technology


Director of Technology
District Data Coordinator (CIO)
District Data Protection Officer (DPO)
Senior Office Assistant
UDL Coordinator
Information Systems Security Analyst
Library Media Specialists
Data Staff
Database Manager
Database Specialist
Research Assistant
FLHS Theater Manager
Network Team
Network Administrator
Network Specialists
Jr. Network Specialists
School Computer Aides

Technology Environment

- 4851 Total Users, plus 2700 non-BCSD devices connected to the guest network. This includes an average of 90 visitor users each day
- 1:1 Chromebooks for all students
  - K-2 Stored in classroom
- 1:1 Windows Laptops for all teachers, administrators and many support positions
- iPads for Elementary Art, HS Animation & K Classrooms
- 4 Computer Labs for Art, Music, Business & Engineering Classes
- 528 VoIP Phones
- 254 Networked Copiers and Printers
- 349 Document Cameras in classrooms
- 578 Promethean Panels and Projectors / Smartboards
- 94 Network Switches
- 467 Wireless Access Points
- Redundant Firewalls
- Google Workspace for Education
- Microsoft Active Directory (Azure Cloud & local)
- Multiple Domain Controller Servers
- Network Attached Storage system
- Classlink (LaunchPad)
- VMWare Virtual Server Cluster to support phone system
- Hyper V Virtual Server Cluster to support cloud environment synchronization, webmail access, ID cards, syncing information from the SIS, printing, HVAC, access control/security cameras, web filtering, user authentication, transportation, guest wireless network, software licensing, software development, BCSD hosted websites
- Camera and Door Access servers with video storage
- Financial & HR System server (nVision)
- Microsoft SQL servers to support applications and for in-house reporting
- Food Service sver (Nutrikids)
- Video Streaming and Video on Demand for BoE meetings and other events
- Athletics Video Streaming Platform
- Burglar Alarm Management
- Lockdown Alarm Management
- Transfinder & Fuel Master servers
- BCSD Cell Phones

How are we connected?

- Internet Service Provider: LightPath provides 10 gig of service from elementary schools and Hillside to the Fox Lane Campus. BCSD has 2 gig of Internet service.
- District owned fiber connects FLHS, FLMS & District Office
- Schools have backup Verizon phone lines in case of a fiber outage
- BCSD WiFi is available throughout the schools with a Guest Network for visitors
- Every school has multiple network switch closets (network switch refresh for BH & WP planned for 2024-2025)
- A Cisco VoIP system provides phone service districtwide
- Motorola Radio Repeaters in every school to enable districtwide two-way radio communications.
- Cybersecurity monitoring services and software for key devices in partnership with the MS-ISAC and Center for Internet Security

Application & User Management

- Active Directory (Primary user account and group assignments)
- Google Workspace for Education
- Frontline (PD, IEP & 504 modules)
- Synergy (Student Information System)
- Genetec Camera and Door Access
- Lockdown Alarms
- 911 monitoring
- Phone System
- Cisco Prime (Network Management)
- Nutrikids
- Website access
- Jamf Mac, iPad and Cell Phone Management
- Microsoft SCCM Device Management
- Microsoft Exchange
- Assure Student ID System
- Web Help Desk (employee help desk for Tech and Facilities)
- 1to1 Plus Student and Parent Help Desk and Inventory Management
- Zoom user accounts and event management
- Barracuda Backup & Archive system
- Syscloud Google and Microsoft backup system
- Lightspeed Filter Management
- Gaggle Safety Management
- Papercut Printing Services
- Classlink roster server integrations to other applications
- Follett Destiny Library Management
- Infosec IQ Cybersecurity Training Platform

A Sample of Curriculum Applications & UDL Tools

- Adobe Express for Education
- AutoDesk Fusion 360
- Book Creator
- BrainPop
- CodeHS
- Code.org
- CommonLit
- Conjuguemos
- Desmos
- Google Drive (Docs, Sheets, Slides)
- Google Classroom
- Gimkit
- IXL Math(K-12) & ELA(6-12)
- Kami
- Learning A-Z *(Reading A-Z & Raz Kids)*
- Nearpod
- Newsela
- Noteflight
- Onshape
- Screencastify
- SeeSaw
- Soundtrap
- TextHelp
- WeVideo

Planning for 2024-2025

- Continue refresh of user devices that are 4 or more years old
  - Chromebooks refreshed in grades 1, 5 & 9
- Refresh FLMS Art Mac Lab
- Continue replacement of outdated Smartboards with Promethean Panels
- Continue network switch replacement utilizing E-Rate discount (BH & WP)
- Begin wifi access point replacements utilizing E-Rate discount (PR)
- Replace core network switches utilizing E-Rate
- Replace District Office network switches (approx. 10 years old)
- Replace Network Attached Storage System (7 years old)

Budget Data

	'24-'25 Budget	Increase/ Change	%	'23-'24 Budget	(Decrease)
Curriculum Development & Supervision	$ 526,965	$ 14,740	2.80%	$ 541,705	$
School Supervision	$ 4,277,975	$ 60,100	1.40%	$ 4,338,075	
In-Service Training	$ 489,580	$ 6,000	1.23%	$ 495,580	
Teaching Regular School	$41,209,840	$ 37,410	0.09%	$41,247,250	
Special Education Programs	$18,589,680	$ 247,510	1.33%	$18,837,190	
ESL Program	$ 3,292,765	$ 3,288,005	($ 4,760)	-0.14%	$
Occupational Education	$ 954,085	$ 279,860	29.33%	$ 1,233,945	
School Library	$ 757,730	$ 832,175	$ 74,445	9.82%	$
Educational Television	$ 24,385	$ 0	0.00%	$ 24,385	
Computer Assisted Instruction	$ 2,592,465	$ 167,490	6.46%	$ 2,759,955	$

Rightsizing Adjustments - Reductions

(-) $3,423,000

Internship Program
$323k

FLMS 2 ½ House Model (2.0 fte)
$206k

Guidance Summer Work
$100k

Elementary Aides (10.0 fte)
$363k

FLMS Deans (.80 fte)
$96k

Assistant Principal (FLHS)
$228k

Elementary Coordinators (5.0 fte)
$585k

English (1.0 fte)
$109k

Social Studies (.80 fte)
$87k

Science/Technology (1.2 fte)
$128k

World Language (.60 fte)
$72k

Math (1.0)
$109k

Music (1.6 fte)
$156k

Physical Education (1.8 fte)
$196k

Additions

(+) $2,158,000

Mandated Services:

Special Education Teacher (1.0 fte)
$115k

Instructional Assistants (2.0 fte)
$71k

Aides (3.0 fte)
$90k

Previously COVID-Funded Positions:

Elementary Teachers (4.0 fte)
$483k

Library Media Specialist (1.0 fte)
$131k

Literacy Coach (1.0 fte)
$156k

MTSS Coordinator (1.0 fte)
$156k

Elementary Coordinator (1.0 fte) $156k

Floating Nurse (1.0 fte)
$115k *

Assistant Athletic Director (1.0 fte) $145k

IA Certification Change
$330k **

Community Police Liaison
$85k

Budget Calendar

- ✓ January 10, 2024 - Budget Overview
- ✓ January 24, 2024 - Athletics & Co-Curricular
- ✓ January 31, 2024 - Debt Service, State Aid, Cash Reserves, Revenue and Transportation
- ✓ February 7, 2024 - General Support, Tax Cap Calculation
- ✓ February 28, 2024 - Employee Benefits
- ✓ March 6, 2024 - Enrollment Projections, Class Size Estimates
- ✓ March 13, 2024 - Curriculum (General Education, Special Education, Technology)
- ❑ March 20, 2024 - Superintendent's Budget Presentation
- ❑ March 27, 2024 - Budget Deliberations
- ❑ April 10, 2024 - Budget Deliberations
- ❑ April 24, 2024 - Budget Adoption
- ❑ May 8, 2024 - Budget Hearing
- ❑ May 21, 2024 - Budget Vote