



## **2020-2023 TECHNOLOGY PLAN**

FREETOWN-LAKEVILLE REGIONAL SCHOOL DISTRICT  
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The Freetown-Lakeville Regional School District is located in Southeastern Massachusetts. The District consists of 5 schools servicing 2900 students in grades Pre-K through 12. The 5 schools are:

Apponequet Regional High School (Campus in Lakeville)

Freetown-Lakeville Middle School (Campus in Lakeville)

Austin Intermediate School (Campus in Lakeville)

Assawompset Elementary School (Lakeville MA)

Freetown Elementary School (Freetown MA)

The following worked on the development of this Technology Plan.

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Mr. John Higgins, Principal, Freetown-Lakeville Middle School

Dr. Elizabeth Sullivan, Principal, George R. Austin Intermediate School

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## **Vision Statement**

Working together as students, parents, guardians, faculty, staff and members of the community, the Freetown-Lakeville Regional School District will establish and maintain a strong foundation for lifelong learning facilitated by the meaningful use of technology. This will be accomplished by nurturing, challenging, and guiding all students toward their maximum academic, career, technology, social, and emotional potential in a respectful, safe environment.

### **Benchmark 1: Commitment to a Clear Vision and Implementation Strategies**

#### **District Technology Vision Statement:**

The use and integration of technology in the Freetown-Lakeville Regional School District is intended to enhance the learning experience of our students.

Student learning will be augmented through the combined use of innovative instructional practices and instructional technology by all teaching staff.

Improve teachers' ability to integrate current and advanced instructional technology tools.

- Increase instructional technology Professional Development opportunities for staff.
- Assess staff needs and interests through periodic surveys.
- Develop staff learning opportunities from the survey results.
- Provide resources in the form of software applications and staff training to increase the use of data to inform instruction.

Foster communication and collaboration within our schools, as well as throughout the greater Freetown and Lakeville communities.

- Improve communication between the schools and the community through technology.
- Increase the use of existing web technology.
- Increase parent-teacher communication through the use of online gradebooks and websites.

Elements of technology will be used as learning tools for students to achieve current digital literacy skills.

- Move away from student fixed desktop computers in every classroom and adopt a mobile approach to instructional technology in classrooms.
- All students will meet grade level Technology Literacy Standards.
- Increase the use of software and video applications in the classroom that promote information sharing and collaboration.
- Form a Technology Task Force subcommittee to create “Best Practices” in practical and pedagogical shift to mobile environment.

Increase the overall efficiency for the Freetown-Lakeville administrative functions through the use of contemporary technology tools.

- Implement Google Apps for education.
- Annual review of the Acceptable Use Policy to ensure relevancy to new technologies.
- Increase administration awareness of current technology through Professional Development workshops.

## **Benchmark 2: Technology Integration and Literacy**

Create a Curriculum Technology Integration Team

A Curriculum Technology Integration Team will be created to follow up on this effort to determine what and how tools will be used to improve the delivery of instruction.

- Leverage Google Apps for Education Tools to improve teaching and learning.
- Each school will determine their best Professional Development delivery method, with coordination by the Director of Curriculum and Instruction.
- Imbedded in these activities will be Professional Development directed towards improving the delivery of instruction.
- It is critical that we provide Professional Development and continue to assess the needs of students and staff.

### **Benchmark 3: Technology Professional Development**

- Assist staff with the use of G Suite for Education.
- Promote the use of collaborative tools such as Google Classroom.
- Conduct workshops around the use of technology to deliver learning tools.
- Circulate best practices for the use of technology in the classroom.
- Create strategies around how to get more faculty using the tools.

All Freetown-Lakeville RSD teachers will receive training and ongoing support to help them learn about technology and prepare students for life in a digital world.

Technology professional development is administered throughout the school year and is led by both Technology staff and academic area teachers.

### **Benchmark 4: Accessibility of Technology**

- **Hardware Access**
  - FLRSD will have a ratio of one high-capacity, Internet-connected computer per student. (The definition of high-capacity will be reassessed on a regular basis by the Technology Department and shared with FLRSD Administration.)

- FLRSD will provide students access to emerging technologies appropriate to their grade level.
- FLRSD has procurement policies for technologies that ensure usability, equal-access and SIF Compliance.
- FLRSD will provide student-learning environments that have access to instructional technologies. (i.e. digital projectors, Chromebooks, Document Cameras, etc.)
- FLRSD has established a computer replacement cycle of 5 Years.
- **Internet Access**
  - FLRSD provides connectivity to the Internet for all computers in all schools.
  - FLRSD provides an external connection to an Internet Service Provider of 250 Mbps per 1000 students.
  - FLRSD provides bandwidth of at least 1 Gbps to 100% of its classrooms. The network connection for each computer is at least 1 Gbps.
- **Networking (LAN/WAN)**
  - FLRSD provides internal Campus-wide area network connections from each school to the FLRSD Data Center of at least 2 Gbps.
  - FLRSD provides wide area network connections from Campus to each Elementary School of at least 500 Mbps.
  - FLRSD provides access to servers for secure file sharing, backups, scheduling, email and web publishing.
- **Access to the Wireless Network**
  - FLRSD provides connectivity to the Wireless Network for all mobile devices in all schools.
  - FLRSD provides Wireless Access for guests, students and staff.



- FLRSD Wireless Network provides a bandwidth of at least 100 Mbps.
  
- **Staffing**
  - FLRSD provides the necessary staff or outside contractors/vendors to maintain a functioning network at all times.
  - In order to ensure that there are limited interruptions to instruction, the FLRSD Technology Department will respond to technical problems during the school day within 4 hours.
  - FLRSD provides clear information about accessing technical support for all stakeholders.
  - FLRSD provides at least one FTE to support 400 computers.
  - Technical support will be provided throughout the district by the FLRSD Technology Department and outside contractors/vendors.

## **Technology Support and Maintenance**

### **Current technology personnel:**

1 – Director of Technology

1 – Network Administrator

1 – Data Administrator

1 – Help Desk Supervisor

2 – Computer Technicians

### **Required technology personnel:**

As the Freetown & Lakeville Public Schools build up to a robust computer network, personnel positions needed to plan, operate, manage, repair, and train in this new technology have to be established. With the investment of millions of dollars into the hardware, software and network, we will need to hire the appropriate support personnel to keep it running, and to train the staff on its effective use. To accomplish this, the following minimum technology staffing levels should be adopted:

1 – Technology Director for the Freetown - Lakeville RSD

1 – Network Administrator for the Freetown - Lakeville RSD

1 – Data Administrator for the Freetown - Lakeville RSD

5 – Computer technician (1 per school including Help Desk Supervisor)

2 – Technology Curriculum Integration Specialist

## Local Technology Plan Benchmark Standards

### Benchmark 4A: TECHNOLOGY SUPPORT

The district ensures that every administrator, teacher, and student receives high-quality user and system support so that there will be one FTE person to support 200-400 computers.

Based on this guideline

<b>SCHOOL</b>	<b># of computers</b>
ARHS	573
AIS	385
FES	338
AES	361
FLMS	569
Central Office	77
<b>All schools</b>	<b>2303</b>

Based on one FTE per **400** computers - **5.75 FTE**

Based on one FTE per **200** computers – **11.5 FTE**

Currently for direct technical support we have **4 - FTE**

### Benchmark 4B: CURRICULUM INTEGRATION

The district provides at least 0.5 FTE staff person to support every 30-60 users (staff only) in their effort to achieve technology competency and to integrate technology into the classroom

<b>SCHOOL</b>	<b># of staff (Teachers and Administrators)</b>
ARHS	91
FLMS	88
GRAIS	52
AES	52
FES	58
Central Office	21

<b>All schools</b>	<b>362</b>
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Based on 0.5 FTE per **60** staff members – **3 FTE**

Based on 0.5 FTE per **30** staff members – **6 FTE**

Current for direct Curriculum Integration - **0 FTE**

## **Benchmark 5: Virtual Learning and Communications**

- FLRSD provides access to web-based learning applications and opportunities.
- Educational technology applications for virtual learning include courses, collaborative projects, web chats and social media.
- FLRSD maintains an updated website.
- FLRSD currently uses Google Classroom as a virtual learning platform.
- FLRSD will maintain a Parent Portal, Student Portal and Teacher Portal for online access to student information such as grades and attendance.

## **Benchmark 6: Safety, Security and Data Retention**

- FLRSD has a COPPA-compliant Acceptable Use Policy regarding Internet and network usage. The policy is reviewed and updated on an annual basis.
- FLRSD educates teachers and students about appropriate behavior when interacting online.
- FLRSD has a plan to protect the security and confidentiality of its staff and students' personal information.
- FLRSD complies with federal, state and local laws for archiving electronic communications produced by its staff and students.
- FLRSD informs its staff and students that information distributed over the district or school network may be public record.

## **Hardware Operational Budget**

We have Operational funds designated at each school for the purchase of technical equipment. For FY20 the funds total \$140,000.00. We divide this up based on student population at each school.

Our priority over the last 5 years has been the purchasing of Chromebook devices for students, Desktop and Chromebooks for staff, along with projector systems for Classrooms and presentation areas.

In 2015, the School district had approximately 1085 computers available to students and staff. In 2019, that number has risen to approximately 2303, mostly through the purchase of Chromebooks for Staff and Students.

The current student to computer ratio as of September, 2019

**ARHS - 1.8:1**

**FLMS - 2.1:1**

**GRAIS - 1.6:1**

**AES - 1.7:1**

**FES - 1.7:1**

## **Anticipated Needs**

### **Student Chromebooks**

We currently have a fleet of Chromebooks for student use that we purchased over the last 5 years that expires based on Google's Auto Update Policy. Given that we now have 28 Chromebook carts and 56 Chromebook Tubs throughout the schools, we need to focus on replacement as the fleet ages, and can no longer be used to support the tools we use because of Google's Auto Update Expiration policy.

### **Staff Chromebooks**

Our current fleet of staff Chromebooks reached their Auto Update Expiration in October 2019. We need to consider a replacement for a mobile device option for teachers.

### **Staff Desktop Computers**

We have a fleet of Microsoft Windows 10 desktop computers for teachers and administrative staff. They were placed in service in August 2015. I recommend the replacement of the desktop computers for all staff. For general education and special education classrooms we will plan for a Chromebox solution that will match the computing experience of their mobile Chromebook. For office staff and special applications we will plan for a Microsoft Windows-based platform.

### **nComputing vSpace Terminals**

We have an installed base of nComputing L300 and L230 Virtual desktop Clients. These devices connect to a virtual server and provide



workstations for students at 3 schools - ARHS, FLMS and GRAIS. These devices were originally put in service in 2010.

26 - L300 ARHS Library

6 - L230 ARHS Art

30 - L300 FLMS Library

8 - L230 GRAIS Library

39 - L230 GRAIS Classrooms

*We pay a yearly subscription for a license to run the L300s at \$35 per unit.*

*Replacement cost for Chromebox ~\$300/unit*

## **Computer Labs and Classrooms**

We provide computer labs throughout the district for group use of computers.

### **ARHS**

1 - Business Lab with 26 Microsoft Windows 10 PCs

1 - General purpose lab with 26 Microsoft Windows 10 PCs

### **FLMS**

3 - General Purpose Labs (1 per grade) with Neverware Cloudready computers. These are 10 year old HP computers with the open-source version of Chromium as the Operating System. Each lab has 30 workstations.

## AES

1 - Google Chromebox Lab - 28 workstations

## FES

1 - Neverware Cloudready Lab - 29 workstations

## GRAIS

There are no Computer Labs at GRAIS

## **Projectors systems**

### **ARHS**

63 projector systems

Most classrooms have mounted projectors, some on carts

Large format projectors in Auditorium, Lecture Hall and Library

### **FLMS**

37 projectors systems

27 mounted, 10 on carts

### **GRAIS**

30 projectors systems

All classrooms have mounted projectors

### **AES**

24 projectors systems

22 mounted, 2 on carts

## **FES**

20 projectors systems

19 mounted, 1 on a cart

Plan for the addition of projectors systems at FLMS to get all classrooms with mounted projectors. \$800.00 for a mounted projector system. FLMS will need 20 additional mounted systems.

## **Wireless System upgrade**

Wireless technology has evolved rapidly since we installed the current system. We are behind on the current standards set by industry. We are eligible for reimbursement from the federal eRate program of up to 60% of the costs.

I would recommend a budget estimate of \$200,000.00 to cover the cost with an anticipated reimbursement of \$120,000.00, bringing the cost to the District down to \$80,000.00.

## **Network Data Storage Array**

Our current Data storage array was placed in service in August 2013 and has reached end-of-life from the manufacturer. We can no longer get warranty coverage for service and parts.

## **Server Upgrade to Microsoft Windows Server 2019**

Our virtual server array is currently running Microsoft Windows Server 2008 and 2012 versions. We need to upgrade our 19 current servers to Microsoft Windows Server 2019.

## **Increased Bandwidth for Internet connections**

We partner with CherryRoad Technologies (formerly Addition Networks) for our Internet connections on Campus and at each Elementary school.

### Campus

Primary connection Verizon FIOS **940/880 Mbps**

Backup Connection Comcast Business **150/20 Mbps**

### Assawompset Elementary School

Verizon Fios **150/150 Mbps**

### Freetown Elementary School

Verizon Fios **150/150 Mbps**

## **Student Information Systems**

Over the next 18 -24 months we will be evaluating Student Information Systems (SIS). Our Current SIS consist of:

Core System - Rediker's Administrator's Plus

Grading - TeacherPlus Gradebook

Online Portal - TeacherPlus, ParentPlus and StudentPlus

Nursing - Professional Software for Nurses SNAP Health Center

Special Education - Frontline IEP

Cafeteria - QuicLunch Cafeteria Software

Library - Follett Destiny

We anticipate a change of Student Information Systems will result in a cost to transfer data and train users. We estimate this will be \$75,000-\$100,000.

Current operational costs for core SIS (Admin Plus, Gradebook, Portals) - \$11/student

## Upgrade Projects List

Location	Project	Project Description	Project Breakdown	Year 1 2020-2021	Year 2 2021-2022	Year 3 2022-2023
ARHS FLMS GRAIS AES FES	Chromebook Carts	Replacement End-of-Life for OS	1. ARHS (3) \$24,000 2. FLMS (2) \$16,000 3. GRAIS(2) \$16,000 4. AES (2) \$ 16,000 5. FES (2) \$16,000	\$88,000		
ARHS FLMS GRAIS AES FES	Chromebook Carts and Tubs	Replacement End-of-Life for OS	1. GRAIS (1) \$8,000 2. AES (1) \$8,000 3. FES (2/4) \$21,000 4. ARHS (3/5) \$30,250 5. FLMS (2) \$16,000		\$83,250	
ARHS FLMS GRAIS AES FES	Chromebook Carts and Tubs	Replacement End-of-Life for OS	1. GRAIS (1) \$8,000 2. AES (1/2) \$10,500 3. FES (1) \$8,000			\$26,500
AES FES GRAIS	Desktop Computers for Staff	Replacement	1. AES \$ 31,850 2. FES \$34,450 3. GRAIS \$44,200		\$110,500	
ARHS FLMS	Desktop Computers for Staff	Replacement	1. FLMS \$63,700 1. ARHS \$ 73,450			\$137,150
District Wide	Wireless Network System	Upgrade for more capacity and bandwidth	1. ARHS \$ 55,000 2. FLMS \$55,000 3. GRAIS \$30,000 4. AES \$ 30,000 5. FES \$30,000	\$200,000 Erate Eligible		
District Wide	Network Data Storage Array	End-of-Life			\$50,000	
District Wide	Server Upgrade to Windows 2016	End-of-Life		\$26,500		
Campus	Internet Bandwidth Upgrade and Shark model	Increase Internet Bandwidth		\$7,600/yr		

Location	Project	Project Description	Project Breakdown	Year 1 2020-2021	Year 2 2021-2022	Year 3 2022-2023
AES FES	Internet Bandwidth Upgrade	Increase Internet Bandwidth		\$9,000/yr		
ARHS FLMS	Projector Systems	Replace Oldest	1. ARHS \$2,500 2. FLMS \$2,500	\$5,000		
AES FES	Projector Systems	Replace Oldest	1. AES \$2,500 2. FES \$2,500		\$5,000	
GRAIS	Projector Systems	Replace Oldest	1. GRAIS \$2,500			\$2,500
<b>Total</b>				<b>\$336,100</b>	<b>\$248,750</b>	<b>\$166,150</b>

## District Equipment

### Servers (Physical and Virtual)

<b>Make/Model</b>	<b>Quantity</b>	<b>Date</b>
HP c7000 Blade Enclosure	1	2012
HP Proliant BL460c G7	12 (6 - Active, 6 - idle) District Servers	2012
HP Proliant DL160 Gen8	1 - FES Domain Controller	2012
HP Proliant DL160 Gen8	1 - AES Domain Controller	2012
HP Storageworks x1500	1 - FLMS (Backup storage)	2012
HP X1600 G2	1 - FLMS (Backup Storage)	2012

### Storage Array

<b>Make/Model</b>	<b>Quantity</b>	<b>Date</b>
HP StorageWorks X1600 G2	1	2012
HP StorageWorks P4300 G2	6	2012



## Wired Network Switches

<b>ARHS</b>				
	<b>Make/Model</b>	<b>Quantity</b>	<b>Location</b>	<b>Date Install</b>
	HP Procurve E5406-44G Chassis	1	MDF	2012
	24PORT GIG-T PoE+ V2 ZL MODULE	2	MDF	2012
	24PORT GIG-T V2 ZL MODULE	7	MDF	2012
	24PORT SFP V2 ZL MODULE	1	MDF	2012
	HP Procurve E5406-44G Chassis	1	FrontOffice IDF-1	2012
	24PORT GIG-T V2 ZL MODULE	4	FrontOffice IDF-1	2012
	HP Procurve E5406-44G Chassis	1	Rm135 IDF-2	2012
	24PORT GIG-T V2 ZL MODULE	2	Rm135 IDF-2	2012
	HP Procurve E5406-44G Chassis	1	Back Hallway IDF-3	2012
	24PORT GIG-T V2 ZL MODULE	4	Back Hallway IDF-3	2012
	HP Procurve 2910AL-48GHP	1	Rm211 IDF-4	2012
	HP Procurve 2910AL-48GHP	1	RM213 IDF-5	2012
	HP Procurve 2910AL-48GHP	1	Rm215 IDF-6	2012
	HP Procurve 2910AL-48GHP	1	Rm217 IDF-7	2012
	HP Procurve 2910AL-48GHP	1	Rm218 IDF-8	2012
<b>Central Office</b>	HP Procurve E5406-44G Chassis	1	CO IDF	2012
	24PORT GIG-T V2 ZL MODULE	2	CO IDF	2012
<b>FLMS</b>	HP Procurve E5412-92G-POE+/4G V2	1	MDF	2012
	24PORT GIG-T V2 ZL MODULE	6	MDF	2012
	20PORT GIG-T/4PORT SFP V2 ZL	1	MDF	2012
	12PORT GIG-T 12PORT SFP v2	1	MDF	2012
	HP Procurve E5412-92G-POE+/4G V2	2	IDF-2	2012

	<b>Make/Model</b>	<b>Quantity</b>	<b>Location</b>	<b>Date Install</b>
	24PORT GIG-T V2 ZL MODULE	16	IDF-2 2nd Floor	2012
	PROCURVE GIGABIT LX-LC MINI GBIC	4	IDF-2 2nd Floor	2012
	PROCURVE 2910AL-48G SWITCH	1	IDF-3 Cust.	2012
	PROCURVE 2910AL-24G SWITCH	1	IDF-4 Gym	2012
<b>GRAIS</b>	HP Procurve E5406-44G-POE+/4G V2 ZL SW	1	MDF	2012
	24PORT GIG-T V2 ZL MODULE	3	MDF	2012
	20PORT GIG-T/4PORT SFP V2 ZL MOD	1	MDF	2012
	HP Procurve E5406-44G-POE+/4G V2 ZL SW	1	IDF-1 Music	2012
	24PORT GIG-T V2 ZL MODULE	2	IDF-1 Music	2012
	HP Procurve E5406-44G-POE+/4G V2 ZL SW	1	IDF-2 Back Hall	2012
	24PORT GIG-T V2 ZL MODULE	4	IDF-2 Back Hall	2012
<b>AES</b>	HP Procurve E5406-44G-POE+/4G V2 ZL SW	1	MDF	2012
	24PORT GIG-T V2 ZL MODULE	5	MDF	2012
	HP Procurve E5406-44G-POE+/4G V2 ZL SW	1	IDF	2012
	24PORT GIG-T V2 ZL MODULE	2	IDF	2012
<b>FES</b>	HP Procurve E5406-44G-POE+/4G V2 ZL SW	1	MDF	2012
	24PORT GIG-T V2 ZL MODULE	3	MDF	2012
	24PORT SFP V2 ZL MODULE	1	MDF	2012
	PROCURVE 2910AL-48G SWITCH	12	IDF1-12	2012

## VoIP Telephone System

	<b>Make/Model</b>	<b>Quantity</b>	<b>Location</b>	<b>Date Install</b>
<b>ARHS/CO</b>	PBX Mitel 5000 HX BVM	1	MDF	2015
	Mitel 5304 Phone	84	Classrooms	2015
	Mitel 5320 Phone	17	Offices	2015
	Mitel 5330 Phone	2	Main Office	2015
<b>FLMS</b>	PBX Mitel 5000 HX BVM	1	MDF	2015
	Mitel 5304 Phone	74	Classrooms	2015
	Mitel 5320 Phone	18	Offices	2015
	Mitel 5330 Phone	2	Main Office	2015
<b>GRAIS</b>	PBX Mitel 5000 HX BVM	1	MDF	2015
	Mitel 5304 Phone	43	Classrooms	2015
	Mitel 5320 Phone	12	Offices	2015
	Mitel 5330 Phone	3	Main Office	2015
<b>AES</b>	PBX Mitel 5000 HX BVM	1	MDF	2015
	Mitel 5304 Phone	53	Classrooms	2015
	Mitel 5320 Phone	8	Offices	2015
	Mitel 5330 Phone	2	Main Office	2015
<b>FES</b>	PBX Mitel 5000 HX BVM	1	MDF	2015
	Mitel 5304 Phone	60	Classrooms	2015
	Mitel 5320 Phone	7	Offices	2015
	Mitel 5330 Phone	2	Main Office	2015
	24 port Streamline	1	MDF	2015
	48 Port Streamline	1	MDF	2015

# Chrome Device Auto Update policy

## Overview

Chrome devices (e.g. Chromebook, Chromebox, Chromebase, Chromebit) receive automatic updates that enhance both the device and its software. Device updates provide the latest features and keep the device secure, and are applied across the operating system, browser and hardware. These updates depend on many device specific non-Google hardware and software providers that work with Google to provide the highest level of security and stability support. For this reason, older Chrome devices cannot receive updates indefinitely to enable new OS and browser features.

## Policy

Every Chrome device receives regular updates from Google until it reaches its Auto Update Expiration (“AUE”) date, listed below, subject to support from component manufacturers. When a device reaches AUE, automatic software updates from Google will no longer be provided.

Chrome devices that have not reached their AUE date will continue to receive OS updates and function with Chrome Education Upgrade and Chrome Enterprise Upgrade. After the AUE date is reached, existing and future policies may not work as intended, and technical support will not be provided.

## Core Educational Technology Tools

<b>ARHS</b>				
<b>Model</b>	<b>Description</b>	<b>Quantity</b>	<b>Date</b>	<b>Notes</b>
HP ProDesk 400 G2.5 SFF	Desktop PC	101	08/15	
HP Chromebook 14 G3	Staff Chromebook	72	07/15	AUE 10/19
nComputing L300	Library Lab	26	2010	
HP 280 G1 St Business PC	Room 211 Lab	26	2016	
Lenovo E5500	Room 218 Lab	26	2010	
nComputing L230	Art 109	6	2008	
iMacs	Art 125	4	2008	
HP 250 G4 Notebook	Foreign Language Cart	20	2016	
HP 250 G6 Notebook	Science Cart	24	2016	
Acer C720-2844	Cart1	32	2013	AUE 06/19
Acer C720-2844	Cart2	32	2013	AUE 06/19
Acer C720-2844	Cart3	32	2014	AUE 06/19
Acer C730E-C555	Cart4	32	2016	AUE 01/21
Acer C731-C8VE	Cart5	32	2017	AUE 08/21
Acer C731-C8VE	Cart6	32	2017	AUE 08/21
HP Chromebook 11A G6 EE	Cart7	32	2019	AUE 06/25
Acer Chromebook 11	Tub1	5	2017	AUE 01/21
Acer Chromebook 11	Tub2	5	2017	AUE 01/21
Acer C731-C8VE	Tub3	5	2018	AUE 08/21
Acer C731-C8VE	Tub4	5	2018	AUE 08/21
Acer C731-C8VE	Tub5	5	2018	AUE 08/21
Acer Chromebook 11	Tub6	5	2018	AUE 11/23
Acer Chromebook 11	Tub7	5	2018	AUE 11/23
HP Chromebook 11A G6 EE	Tub8	5	2019	AUE 06/25

<b>FLMS</b>				
<b>Model</b>	<b>Description</b>	<b>Quantity</b>	<b>Date</b>	<b>Notes</b>
HP ProDesk 400 G2.5 SFF	Desktop PC	92	08/15	
HP Chromebook 14 G3	Staff Chromebook	58	07/15	AUE 10/19
nComputing L300	CRC Lab	30	2010	
HP 5700 w/Neverware	1st Floor Lab	30	2009	
HP 5700 w/Neverware	2nd Floor Lab	30	2009	
HP 5700 w/Neverware	3rd Floor Lab	30	2009	
HP 5700 w/Neverware	Library	16	2009	
HP 6000 w/Neverware	Mod Tech Lab (218)		2013	
Acer C720	Cart1	32	2013	AUE 06/19
Acer C720	Cart2	32	2013	AUE 06/19
Acer C730E	Cart3	32	2016	AUE 01/21
Acer C730E	Cart4	32	2017	AUE 08/21
HP Chromebook 11A G6 EE	Cart5	32	2019	AUE 06/25
HP Chromebook 11A G6 EE	Cart6	32	2019	AUE 06/25
HP Chromebook 11A G6 EE	Tub1	5	2019	AUE 06/25
HP Chromebook 11A G6 EE	Tub2	5	2019	AUE 06/25
HP Chromebook 11A G6 EE	Tub3	5	2019	AUE 06/25
HP Chromebook 11A G6 EE	Tub4	5	2020	AUE 06/26
Smartboards	Science Rooms/labs	9	2002	
Document Cameras	Califone DiggiDitto	6		
Document Cameras	Elmo TT-02RX	8		
Document Cameras	Hovercam	1		

<b>GRAIS</b>				
<b>Model</b>	<b>Description</b>	<b>Quantity</b>	<b>Date</b>	<b>Notes</b>
HP ProDesk 400 G2.5 SFF	Desktop PC	57	08/15	
HP Chromebook 14 G3	Staff Chromebook	35	07/15	AUE 10/19
HP 5700 w/Neverware	Library Lab	8	2009	
nComputing L230	Classroom Workstations	39	2008	
	Science Lab?			
Acer C740	Cart1	32	2015	AUE 06/21
Acer C720	Cart2	32	2014	AUE 06/19
Acer C720	Cart3	32	2014	AUE 06/19
Acer C730E	Cart4	32	2016	AUE 06/22
HP Chromebook 11A G6 EE	Cart5	32	2019	AUE 06/26
HP Chromebook 11A G6 EE	Cart6	32	2019	AUE 06/26
Document Cameras	Califone	12		
Document Cameras	Hovercam	7		

<b>AES</b>				
<b>Model</b>	<b>Description</b>	<b>Quantity</b>	<b>Date</b>	<b>Notes</b>
HP ProDesk 400 G2.5 SFF	Desktop PC	48	08/15	Windows 10
HP Chromebook 14 G3	Staff Chromebook	33	07/15	AUE 10/19
Acer C720	Cart1	32	2014	AUE 06/19
Acer C720	Cart2	32	2014	AUE 06/19
Acer C740	Cart3	32	2014	AUE 06/21
Acer C730E	Cart4	32	2016	AUE 06/22
Acer C731	Tub1	5	2017	AUE 06/22
Acer C731	Tub2	5	2017	AUE 06/22
Acer Chromebook 11 C732	AES-01	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-02	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-06	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-07	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-08	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-09	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-10	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-12	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-16	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-17	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-18	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-19	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-20	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-22	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-26	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-27	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-28	5	2019	AUE 06/24



Acer Chromebook 11 C732	AES-29	5	2019	AUE 06/24
<b>AES</b>				
<b>Model</b>	<b>Description</b>	<b>Quantity</b>	<b>Date</b>	<b>Notes</b>
Acer Chromebook 11 C732	AES-31	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-34	5	2019	AUE 06/24
Acer Chromebook 11 C732	AES-36	5	2019	AUE 06/24
HP Chromebook 11A G6 EE	Tub3	5	2020	AUE 06/26
HP Chromebook 11A G6 EE	Tub4	5	2020	AUE 06/26
HP Chromebook 11A G6 EE	Tub5	5	2020	AUE 06/26
Document Cameras	Califone	15		
Document Cameras	Hovercam	6		

<b>FES</b>				
<b>Model</b>	<b>Description</b>	<b>Quantity</b>	<b>Date</b>	<b>Notes</b>
HP ProDesk 400 G2.5 SFF	Desktop PC	52	08/15	
HP Chromebook 14 G3	Staff Chromebook	33	07/15	AUE 10/19
HP 5700 w/Neverware	Computer Lab	27	2009	
Acer Chromebook 11 C740	Cart1	32	2016	AUE 06/20
Acer C720	Cart2	32	2014	AUE 06/19
Acer C720	Cart3	32	2014	AUE 06/19
Acer C730E	Cart4	32	2016	AUE 08/21
Acer 11 C730E	FES-K1	5	2016	AUE 01/21
Acer 11 C730E	FES-K2	5	2016	AUE 01/21
Acer 11 C730E	FES-K3	5	2016	AUE 01/21
Acer 11 C730E	FES-K4	5	2016	AUE 01/21
Acer Chromebook 11 C732	FES-K5	5	2017	AUE 11/23
Acer Chromebook 11 C732	FES-116	5	2017	AUE 11/23
Acer Chromebook 11 C732	FES-117	5	2017	AUE 11/23
Acer Chromebook 11 C732	FES-118	5	2017	AUE 11/23
Acer Chromebook 11 C732	FES-119	5	2017	AUE 11/23
Acer Chromebook 11 C732	FES-120	5	2017	AUE 11/23
Acer Chromebook 11 C732	FES-123	5	2017	AUE 11/23
Acer Chromebook 11 C732	FES-124	5	2017	AUE 11/23
Acer Chromebook 11 C732	FES-125	5	2017	AUE 11/23
Acer Chromebook 11 C732	FES-126	5	2017	AUE 11/23
Acer Chromebook 11 C732	FES-131	5	2017	AUE 11/23
Acer Chromebook 11 C732	FES-132	5	2017	AUE 11/23
Acer Chromebook 11 C732	FES-134	5	2017	AUE 11/23
Acer Chromebook 11 C732	FES-136	5	2017	AUE 11/23
Document Cameras	Califone/Hovercam	13/2		