



IT and 21st Century Learning

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District Goals.



01 Increase Academic Achievement

Ensure all students learn through access to high quality actions and services that increase academic achievement and civic, career, and college readiness.



02 Ensure Access & Equity

Provide high quality actions and services to eliminate barriers to student access to required and desired areas of study.



03 Improve Parent & Student Engagement

Ensure all schools have safe, welcoming, healthy and inspiring climates for all students and families, so that all students are behaviorally and academically engaged in school and ready to learn.



04 Provide 21st Century Learning Environments

Invest in optimal learning environments that enhance student learning and ensure safety.



Makerspaces at Elementaries.



LCAP Input

Stakeholder committee recommendation to create TK - 8th grade program

K-5 Program

All sites have opened Makerspaces in 22-23 school year; 5th graders completed coding units.


MS Electives

Aligned on 6th grade content in 22-23, planning for 7th/8th grade electives

Technology as a Learning Tool.

FREEDOM WALKERS

The Story of the Montgomery Bus Boycott



This Image shows that people had to walk in the rain during the boycott. This is important because it shows how determined the boycotters were and that they would even walk in the rain.

[This article](#) tells the story of the bus boycott, Rosa Parks, and the violence after integrated buses happened. This is important because there was a lot of violence after buses were integrated.



This video talks about Rosa Parks, bus boycott, and MLK JR.

[This poem](#) is in memory of MLK JR. It talks about Justice and Equality. This relates to the book because the boycotters wanted justice and equality and MLK was an important figure in the boycott.



"EVERYBODY CAN BE GREAT... BECAUSE ANYBODY CAN SERVE. YOU DON'T HAVE TO HAVE A COLLEGE DEGREE TO SERVE. YOU DON'T HAVE TO MAKE YOUR SUBJECT AND VERB AGREE TO SERVE. YOU ONLY NEED A HEART."
- MARTIN LUTHER KING, JR.

6th grade
student's
Multimedia
Slide

Update to Chromebook Strategy.



5th-8th Grade Students.



Previous Practice

New Chromebooks in 6th
Grade



New Strategy

New Chromebooks in 5th
Grade



Benefits

Ease of Distribution
Lifecycle Management

IP Speaker Clocks.



Bells

- Centralized/Site controlled scheduling
- Ring manually through app
- Volume/Tone Customization

All Calls

- Initialized through desk phone
- Sent to speakers instead of phones
- Improved audio quality

Safety

- Can make All Calls
- Integrating existing safety protocols with new equipment
- Collaborating with other departments

Network Security. Layered approach



Endpoint Protection

- Client installed on end user devices
- Protects from malicious software
- Centralized management

Simulated Phishing Campaign

- Emails sent throughout the year
- Emails sent specifically for teachers, principals, and departments

Ransomware Risk Protection

- Server monitoring
- Cloud monitoring
- Suspicious activity alerts/actions

Backup Systems.



Backup Generator

Power Backup for
District Data Center

Power Backup for
Nutrition Services Freezer



Local Data Backup

Data Disaster
Prevention:
Multi-Tier Approach

On-Prem/Offsite



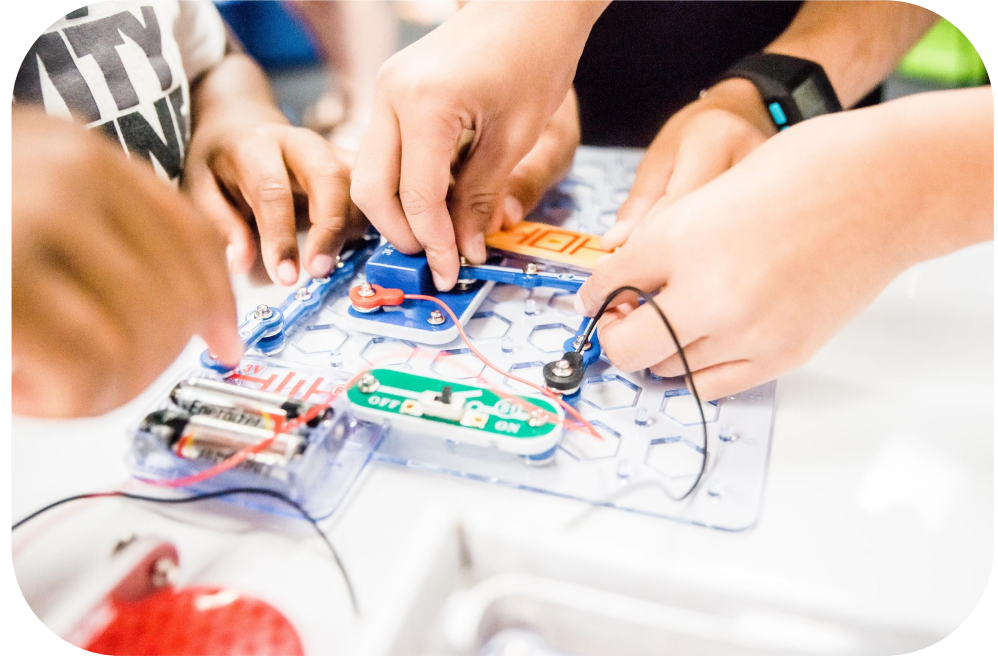
Cloud Data Backup

Google Workspace

Office 365

Network Infrastructure Refresh.

- Firewall
- Network Switching
- Voice Routers
- Computing/Storage





**What questions
might you have?**

**Thank you for your
support!**



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