

# Lyncourt School Technology Plan and Smart Schools Bond Act



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# Uses for the SSBA

<b>Budget Category</b> <input type="checkbox"/>	<b>Sub-Allocations*</b>
School Connectivity	<input type="text" value="0"/>
Connectivity Projects for Communities	<input type="text" value="0"/>
Classroom Technology	<input type="text" value="0"/>
Pre-Kindergarten Classrooms	<input type="text" value="0"/>
Replace Transportable Classrooms	<input type="text" value="0"/>
High-Tech Security Features	<input type="text" value="0"/>
<b>Totals</b>	<b>0</b>

# Current Network Configuration

## Three Wiring Closets

MDF (Computer Lab)

- 2 x 48 Port Switches

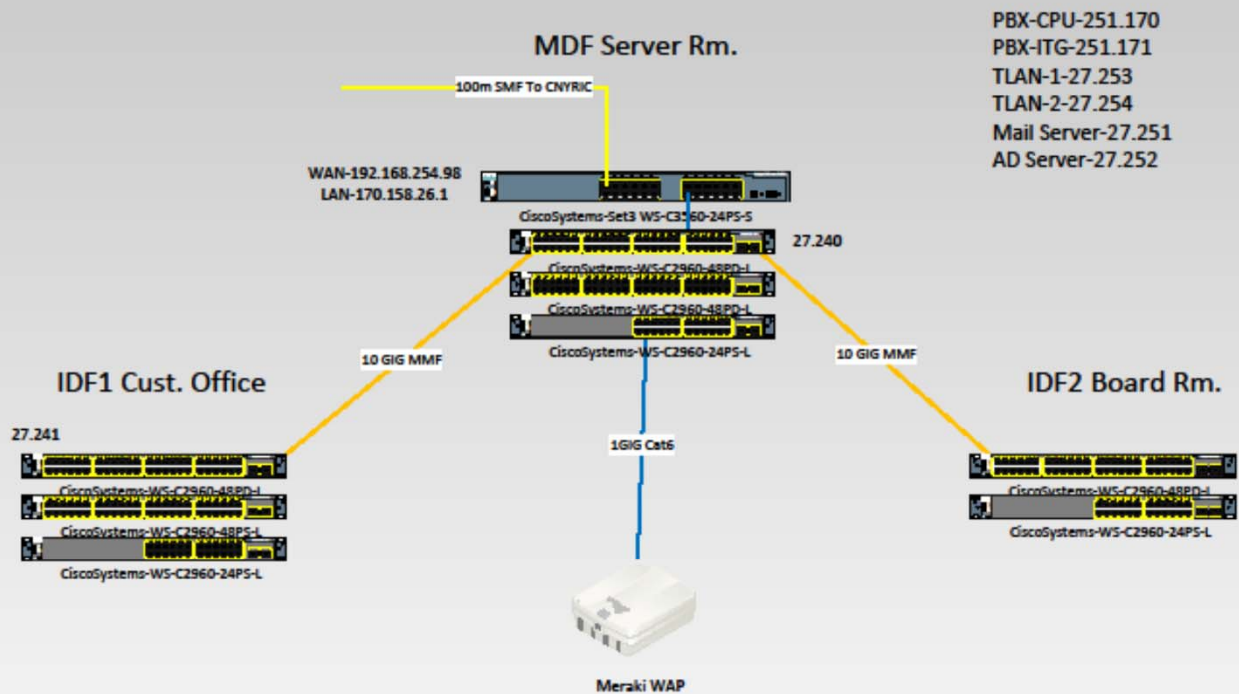
IDF 1 (Cust. Office)

- 2 x 48 Port Switches

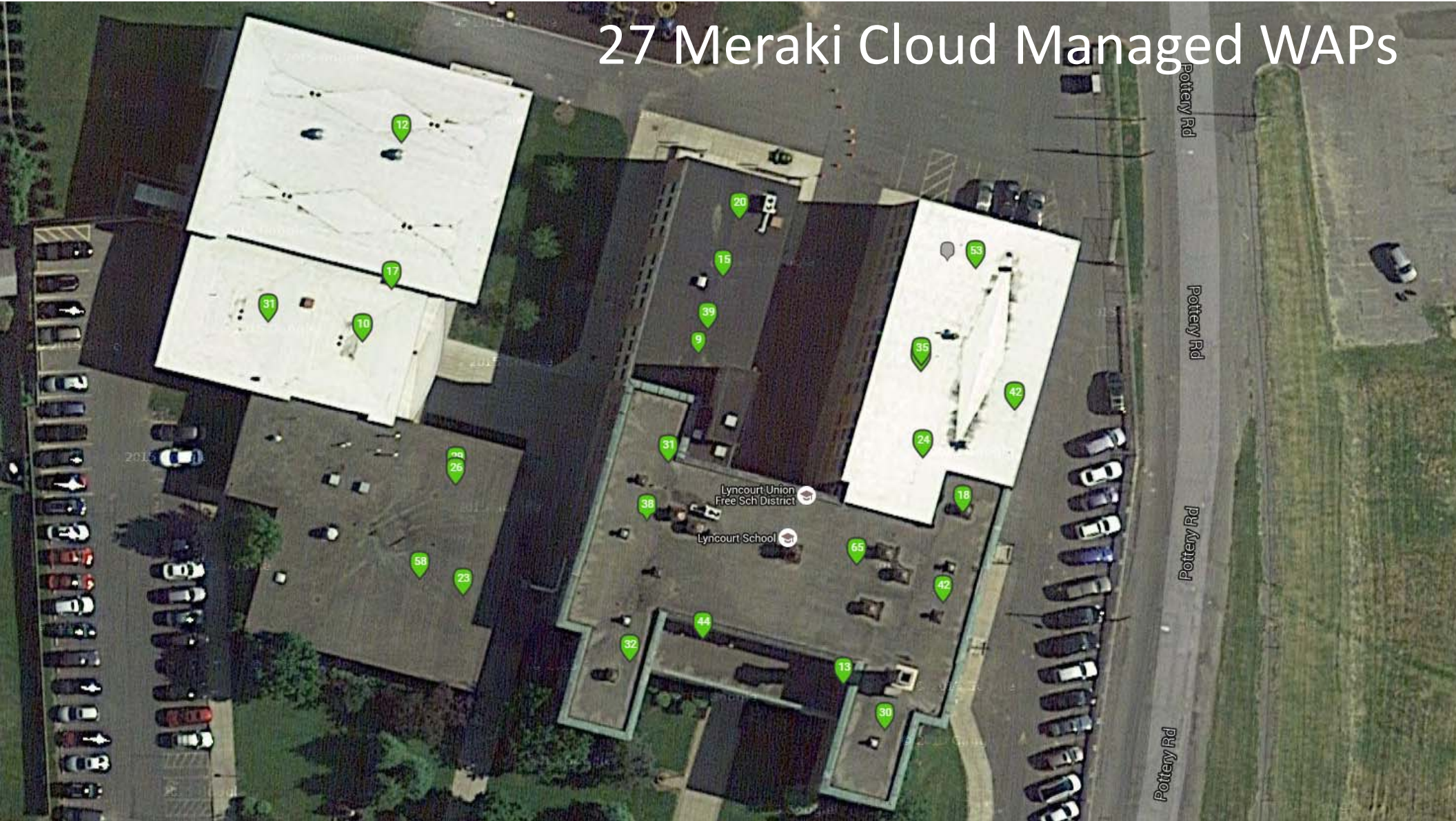
IDF 2 (OT/PT Room)

- 1 x 48 Port Switch
- 1 x 24 Port Switch

# Lyncourt CSD



# 27 Meraki Cloud Managed WAPs



# Current Asset Inventory

- 132 Windows Desktops
  - Classrooms, Offices, Labs
- 10 Laptops (Mac/PC)
  - Shared, Staff Assigned
- 20 Chromebooks
  - Shared on Mobile Cart
- 80 Apple iPads
  - Shared on Mobile Carts



# Infrastructure Upgrades Recommendations

- Would like to upgrade all remaining 1GB switches to 10GB switches across the network. This will future proof us for at least the next 5 years.
- Cabling Upgrades
- Total cost to upgrade network switches, add APs and cabling upgrade is approx. \$30,000

# 1:1 Chromebook to Student Plan

- Phased in multiyear approach to bring students and staff up to speed.
- Leveraging Google Classroom
- Professional Development for staff
  - CNYRIC ITD and local trainers
- Prepare students for Computer Based Testing CBT



# International Society for Technology in Education (ISTE ) Standards

## 1. Creativity and innovation

- Students demonstrate creative thinking, construct knowledge, and develop innovative products and processes using technology.
  - a. Apply existing knowledge to generate new ideas, products, or processes
  - b. Create original works as a means of personal or group expression
  - c. Use models and simulations to explore complex systems and issues
  - d. Identify trends and forecast possibilities

## 2. Communication and collaboration Students use digital media and environments to communicate and work collaboratively, including at a distance, to support individual learning and contribute to the learning of others.

- a. Interact, collaborate, and publish with peers, experts, or others employing a variety of digital environments and media
- b. Communicate information and ideas effectively to multiple audiences using a variety of media and formats
- c. Develop cultural understanding and global awareness by engaging with learners of other cultures
- d. Contribute to project teams to produce original works or solve problems

# ISTE Standard For Students 3&4

## 3. Research and information fluency

- Students apply digital tools to gather, evaluate, and use information.
  - a. Plan strategies to guide inquiry
  - b. Locate, organize, analyze, evaluate, synthesize, and ethically use information from a variety of sources and media
  - c. Evaluate and select information sources and digital tools based on the appropriateness to specific tasks
  - d. Process data and report results

## 4. Critical thinking, problem solving, and decision making

- Students use critical thinking skills to plan and conduct research, manage projects, solve problems, and make informed decisions using appropriate digital tools and resources.
  - a. Identify and define authentic problems and significant questions for investigation
  - b. Plan and manage activities to develop a solution or complete a project
  - c. Collect and analyze data to identify solutions and/or make informed decisions
  - d. Use multiple processes and diverse perspectives to explore alternative solutions

# ISTE Standard For Students 5&6

## 5. Digital citizenship

- Students understand human, cultural, and societal issues related to technology and practice legal and ethical behavior.
  - a. Advocate and practice safe, legal, and responsible use of information and technology
  - b. Exhibit a positive attitude toward using technology that supports collaboration, learning, and productivity
  - c. Demonstrate personal responsibility for lifelong learning
  - d. Exhibit leadership for digital citizenship

## 6. Technology operations and concepts

- Students demonstrate a sound understanding of technology concepts, systems, and operations.
  - a. Understand and use technology systems
  - b. Select and use applications effectively and productively
  - c. Troubleshoot systems and applications
  - d. Transfer current knowledge to learning of new technologies

School Year	3	4	5	6	7	8	Inventory	Purchased	\$250/Chrombook
2015-2016	40			40			80	80	\$20,000.00
2016-2017	40	40		40	40		160	120	\$30,000.00
2017-2018	40	40	40	40	40	40	240	160	\$40,000.00
2018-2019	40	40	40	40	40	40	240	160	\$40,000.00
2019-2020	40	40	40	40	40	40	240	160	\$40,000.00
2020-2021	40	40	40	40	40	40	240	160	\$40,000.00
2021-2022	40	40	40	40	40	40	240	160	\$40,000.00
2022-2023	40	40	40	40	40	40	240	160	\$40,000.00
2023-2024	40	40	40	40	40	40	240	160	
2024-2025	40	40	40	40	40	40	240	160	
2025-2026	40	40	40	40	40	40	240	160	
Approx Enrollment	40	40	40	40	40	40	240		
									\$290,000.00
			Purchase New						
			Smart Schools Bond Money \$277,000						
			Local Funds						

Questions ??

