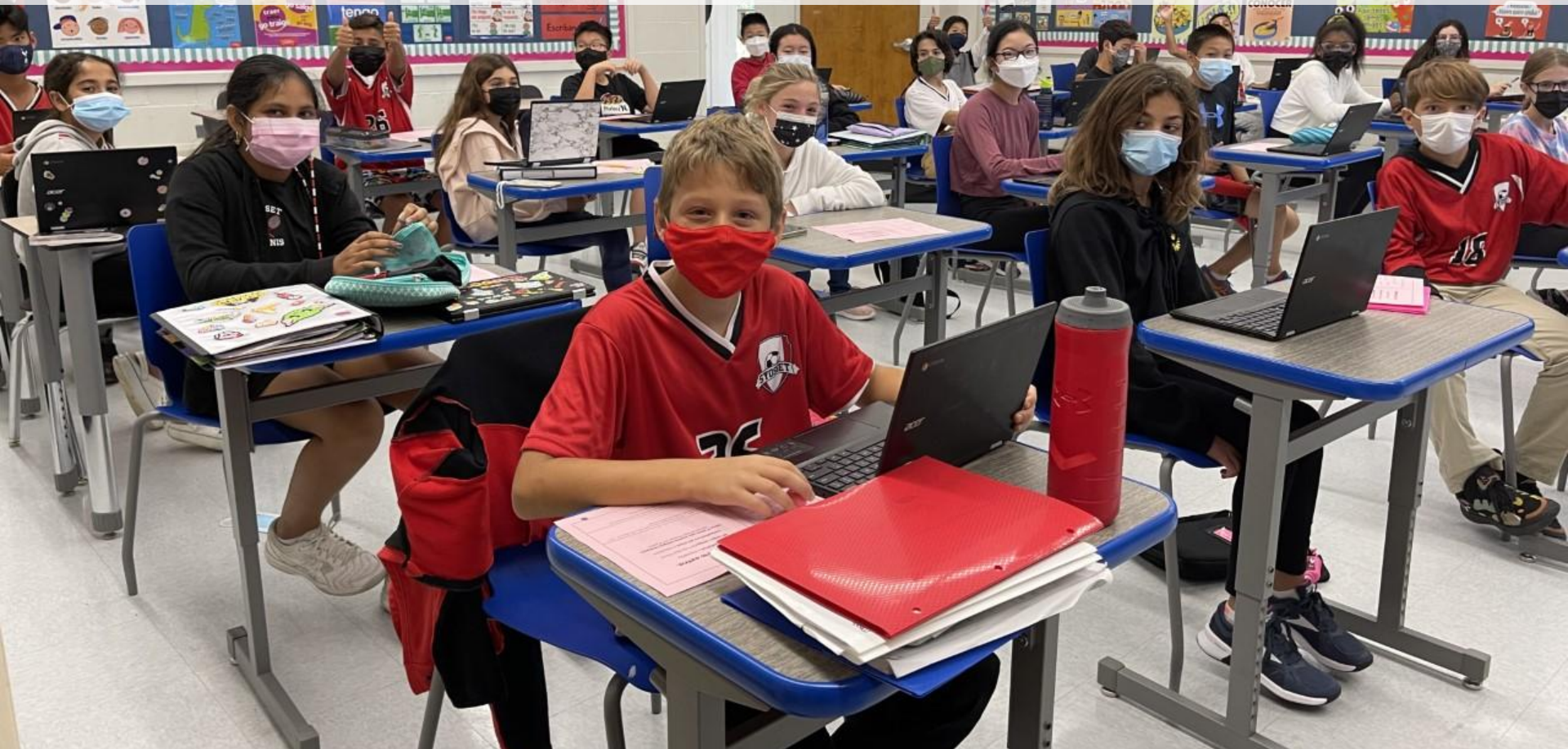


# #SYOstrong is #SYOsecure

- Student Data Privacy
- Network Security



**Fall 2021**

Christine Payne, K-12 Coordinator of Instructional & Administrative Technology  
Kelly Fokianos, Secondary Staff Developer



# Why is Student Data Privacy Important?

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FERPA

This is the foundational federal law related to the privacy of students' educational records. FERPA limits access to student records and details rules to follow when accessing the data.

District Education Records Policy

1978



PPRA

PPRA defines the rules states and districts must follow when administering surveys, analysis, and evaluations funded by the US Department of Education. It requires parental approval to administer many tools.

District Parental Access Instructional Materials Policy

2000



COPPA

COPPA imposes requirements on operators of websites, games, apps or online services directed to children under 13, and on online service providers that collect personal information online from a child under 13.

District Attains Parental Consent to Use Tools, As Required via Terms of Service

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2014



ED LAW 2-D












This law protects the privacy and security of personally identifiable information (PII) of students, and certain APPR data. The law outlines requirements for educational agencies and their contractors.

District Data Privacy and Security Policy and Compliant Third-Party Contracts

# How do we protect student data?

## EDUCATION LAW 2-D REQUIREMENTS

*REQUIREMENTS FOR EDUCATIONAL AGENCIES*

 <b>DATA PROTECTION</b>	 <b>PROTECTION OF PII</b>	 <b>NIST CYBERSECURITY FRAMEWORK</b>	 <b>PARENT COMPLAINT PROCEDURES</b>
 <b>PARENTS BILL OF RIGHTS</b>	 <b>THIRD-PARTY CONTRACTS</b>	 <b>INCIDENT REPORTING AND NOTIFICATION</b>	
 <b>TRANSPARENCY</b>	 <b>DATA SECURITY AND PRIVACY POLICY</b>	 <b>ANNUAL EMPLOYEE TRAINING</b>	 <b>DATA PROTECTION OFFICER</b>

# Syosset Board of Education Policies

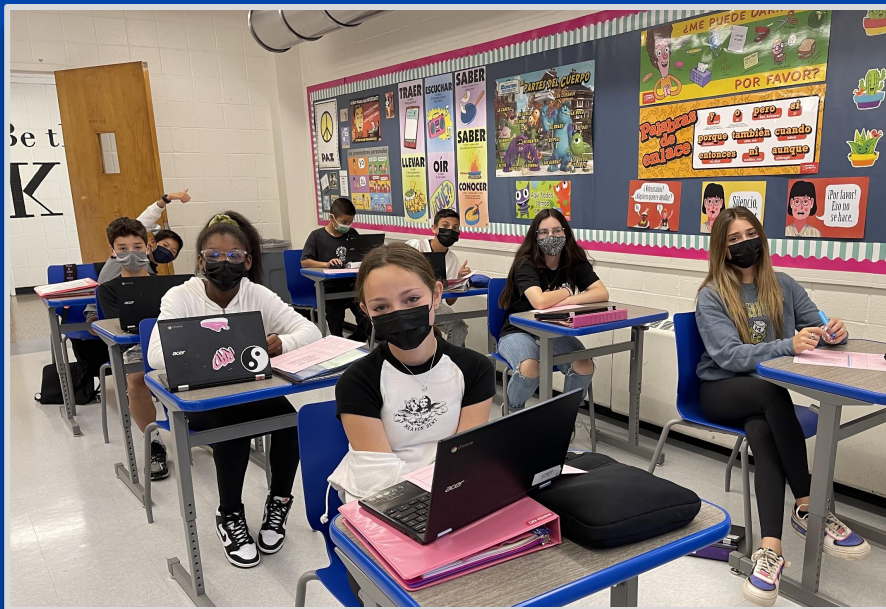
- Internet Safety
- Student Privacy
- Acceptable Use Policy
- Student Records

*A plain language  
summary is  
available on the  
Syosset Website.*



# What is Staff or Student Personally Identifiable Information (PII)?

**Personally Identifiable Information (PII)** is information that can be used to identify, contact or locate a single person.



## Examples

- Demographic Information
- Social Security Numbers (staff only)
- Family Members and Relationships
- Medical Records
- Grades, Education Plans, Attendance etc...
- Pictures of Students
- Student and Staff ID Numbers

# **Why** is PII & network security important?

## **Identity Theft**

Stealing student/staff identity

## **Ransomware Attacks**

Blocks access to data until a sum of money is received

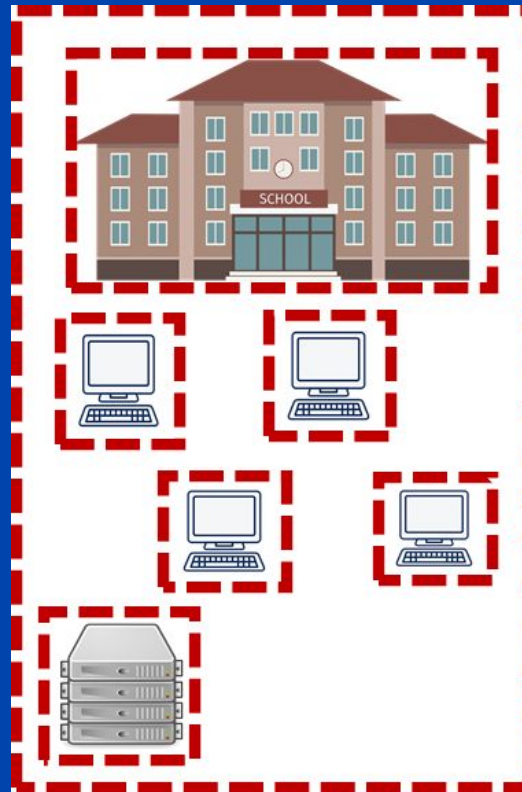
## **Denial or Disruption of Service**

Preventing access or making it extremely difficult to use the Internet

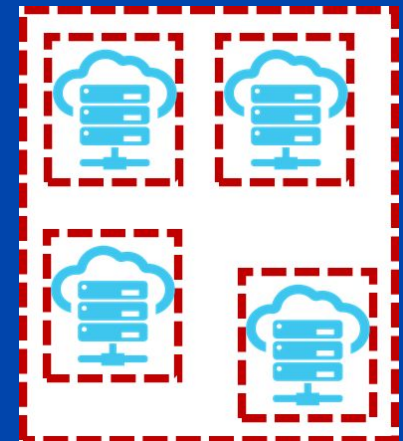


# How is our data protected?

- Individual Firewalls isolate a problem
- Replicated cloud backups in secure data centers provide access to recovery data
- Separate backup retention schedule
- Offline backups provides air gapped recovery
- Email Security



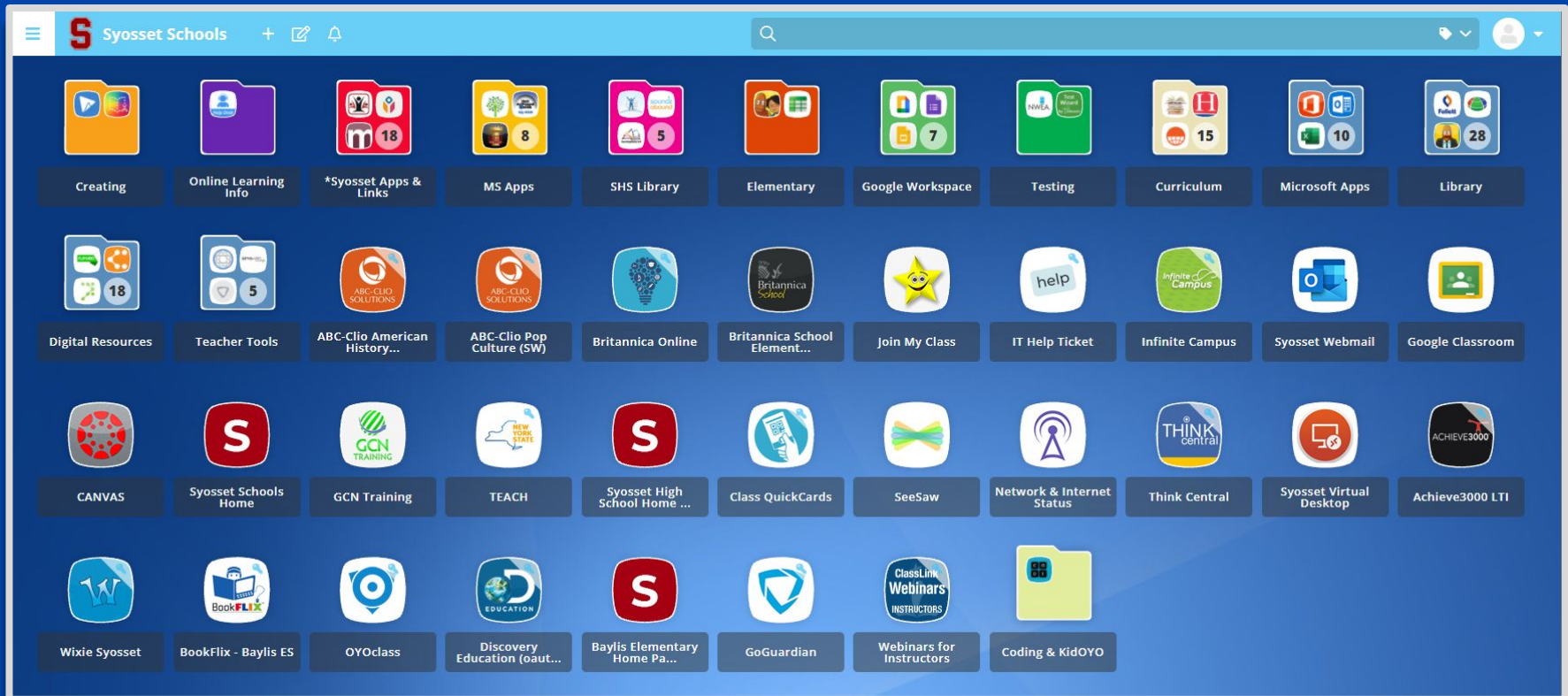
Firewalls surround the district, each building, each computer and backup individually



Firewalls surround Syosset cloud data, backup and servers individually

# How do students and teachers teach and learn online safely?

## ClassLink: Collection of District Approved Apps





# What do students and teachers use to work securely online?

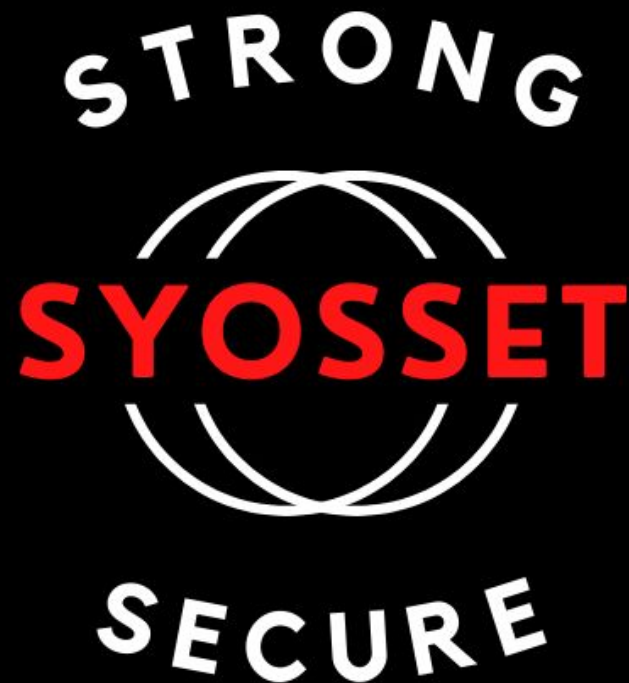
- Support from teachers & staff
- District-provided devices
- ClassLink & Virtual Desktops
- Strong passwords
- Updated software, apps and hardware
- District policies and procedures



# Train. Support. Communicate.



- **Train** staff members on Federal and State Data Privacy Laws
- **Support** staff and students with accessing digital content securely
- **Communicate** updates, processes, policies and procedures



*Syosset provides a secure learning environment and digital access to important data and tools that enhance our students' education.*