

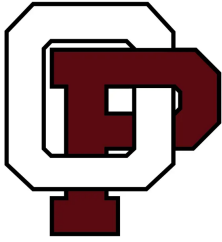


# School District Case Study for



## **ORCHARD PARK CENTRAL SCHOOL DISTRICT**

# Background



**Orchard Park Central School District (OPCSD)**, like many K-12 districts, faced significant cybersecurity challenges. A startling 91% of cyber incidents in K-12 schools originate from human error, primarily phishing attacks.

With over 1,619 cyber incidents recorded nationwide, Orchard Park recognized the **urgent need for an effective cybersecurity awareness solution tailored specifically for educational environments**.

## Problem

Prior to CyberNut, Orchard Park struggled with:

1. **High Susceptibility to Phishing Attacks:** Faculty and staff were frequently clicking on malicious links, significantly increasing cybersecurity risks.
2. **Ineffective Training Programs:** Existing cybersecurity awareness initiatives were lengthy, generic, and failed to engage users effectively.
3. **Administrative Burden:** Traditional training required substantial time commitments from IT staff, draining district resources.

## Solution

Orchard Park partnered with **CyberNut**, a cybersecurity training **platform uniquely designed for K-12 environments**. CyberNut utilizes engaging **gamification strategies, personalized adaptive training**, and **real-time threat reporting** to foster lasting behavioral change among faculty, staff, and students.

Watch Scott's Testimonial —  
Under 2 Minutes



CLICK TO PLAY

## Implementation Process

CyberNut's implementation at Orchard Park was efficient and streamlined. The district **experienced minimal disruption**, with the training platform seamlessly integrated into daily operations through a simple, automated setup process. The initial baseline assessment was completed quickly, followed by an educational onboarding campaign, transitioning effortlessly into ongoing adaptive training.

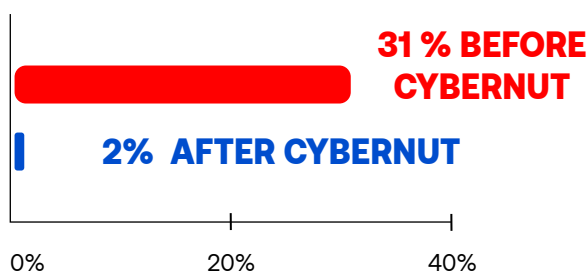


# Results

After implementing CyberNut, Orchard Park observed **significant improvements** in their cybersecurity posture:

- **Increased Engagement:** Over 50% of faculty and staff actively participated in CyberNut training since its introduction.
- **Effective Behavioral Change:** 512 users reported at least one phishing simulation, totaling 4,499 reported phishing simulations since deployment.
- **Enhanced Threat Detection:** 463 real threats were reported by 242 unique users, substantially improving the district's cybersecurity posture.
- **Reduced Risk:** Individual users demonstrated remarkable progress, highlighted by success stories like Sarah, who shifted from initial vulnerability to consistent threat reporting after just one training interaction.

## Positive Behavior Change Over Time



This graph illustrates the impact of CyberNut on Orchard schools, with blue representing the period before implementation and red showing the results after.

The data highlights a **significant and positive shift in behavior**, demonstrating a clear reduction in clicks on phishing links after CyberNut's training and awareness initiatives were introduced.

This decline reflects **improved recognition of phishing threats and a stronger security culture** within the schools.

“In the past three months, we've reported over 600 potential threats through CyberNut. It's made identifying and removing real phishing emails fast and simple.”

**Scott Roth**

Director of Technology & CIO at Orchard Park



## BEFORE CYBERNUT



### Audience:

Faculty, Staff, & Administrators at Orchard Park



Results from a phishing audit conducted by an independent cybersecurity consulting firm.



### Phishing Audit Date:

May 28, 2024



### Total # of participants:

1,088



**TOTAL LINKS CLICKED: 618**

**TOTAL CLICK-THROUGH RATE (%): 31%**

OPCSD had a serious phishing problem! After recognizing their risk levels from the phishing audit, Orchard Park deployed CyberNut.

## WITH CYBERNUT

After 10 months of CyberNut Training Orchard Conducted an additional independent phishing audit.



### Phishing Audit Date:

December 2, 2024



### Total # of participants:

946



**TOTAL LINKS CLICKED: 357**

**TOTAL CLICK-THROUGH RATE (%): 2%**

In just 7 months, CyberNut reduced their phishing **click rate to 2%**.



# CyberNut Is for Reporting Simulations & Real Phishing Threats

CyberNut is focused on helping transform your faculty and staff into a human firewall—proactively spotting and reporting real threats to keep your district safe.

In Orchard Park, staff and faculty haven't only learned how to spot phishing attempts—they've put that knowledge into action. Over **450 real potential threats** have been reported through CyberNut by Orchard users.



CyberNut is Compatible with

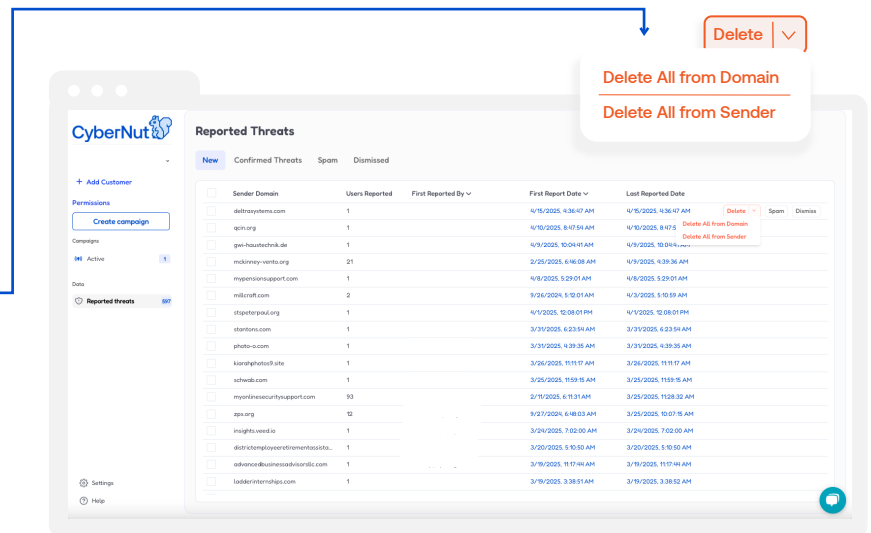


## Instant Phishing Threat Removal

CyberNut empowers admins with the ability to swiftly address phishing and security threats directly from the dashboard. When users report a suspicious email, admins can take immediate action—no more manual tracing or jumping between platforms.

## KEY FEATURES

- Effortlessly remove threats from all user inboxes.
- Eliminate emails from specific senders or domains with a single click.
- Block malicious domains in real-time to prevent future attacks.



With CyberNut, threat management is simplified, giving you peace of mind and saving you valuable time.

# Conclusion

The Orchard Park Central School District case study underscores CyberNut's efficacy in significantly enhancing cybersecurity awareness and reducing phishing vulnerability. Through innovative gamification, personalized adaptive training, and effective real-time threat reporting, Orchard Park successfully transformed user behavior, creating a secure and vigilant educational environment.

## Ready to Understand Your District's Cybersecurity Risk?

### Sign Up for CyberNut's Free Baseline Campaign

Cybersecurity threats to schools are real, costly, and increasing. Take the first step towards protecting your district with our no-cost, 2-week Baseline Security Assessment.

#### Why Start with the Baseline Campaign?

**Completely Free** – no hidden costs or commitments.

**Gain Critical Insights** – clearly see your district's phishing vulnerabilities.

**Easy to Implement** – no software installations or branding; your users won't even know it's happening.

**Actionable Data** – get detailed results you can immediately use to secure superintendent, cabinet, and board support for ongoing cybersecurity training.

Empower your district to move forward confidently with the cybersecurity solutions you need.

## TAKE THE FIRST STEP TODAY

Click here to get your  
**Free Baseline Assessment**



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