



Your School's Survival Guide to Networks, Security, and Learning Success

Protect, Connect, and Empower Your
School's Digital Environment



Welcome to the Jungle (a.k.a. Modern School Tech)

Schools today don't just run on textbooks and chalkboards—they run on Wi-Fi, cloud apps, laptops, and digital learning platforms. And with great technology comes great responsibility (and unfortunately, great cyber threats).

Keeping your students learning, your staff teaching, and your data safe can feel like juggling textbooks on a tightrope. But don't worry—that's why we built this guide. Think of it as your roadmap to taming the tech chaos so learning can shine.

Networks That Never Take a Snow Day

A slow or unreliable network can stop a lesson mid-sentence—or worse, crash a big test. Your network is the lifeline of your school, and when it's solid, everything else clicks into place. Here's what matters most:



Wi-Fi That Works Everywhere

No dead zones in the library or science wing.



Redundancy In Networks

Redundancy keeps the learning rolling even if a component of your network fails.



Watchdog Monitoring

Constant eyes on your network to catch issues before they turn into fire drills.



Room To Grow

Plan for tomorrow's devices and apps, not just today's.

BONUS

A Managed Service Provider (MSP) like Mirazon handles the behind-the-scenes maintenance so your teachers don't have to turn into part-time IT help desk heroes.

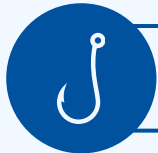


Cybersecurity: Shielding Your Students and Staff

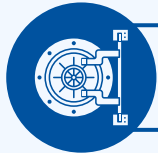
Here's the truth: hackers love schools. Why? Tons of valuable data, not enough security. From ransomware to phishing emails disguised as "urgent messages from the principal," the threats are real. Lock it down with:



Device Armor: Every laptop, tablet, and yes—even printers—need strong protection.



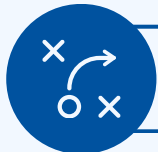
Phishing "Street Smarts": Teach staff and students how to spot the fakes.



Segmentation Smarts: Keep sensitive data in its own vault.



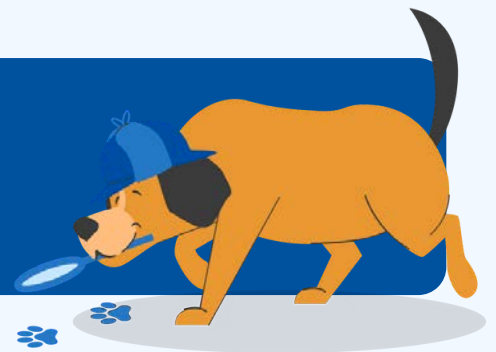
Backups That Actually Work: Because when (not if) someone clicks the wrong link, you'll be glad you can bounce back fast.



Incident Playbooks: Respond fast, recover faster.

BONUS

MSPs are your digital watchdogs—monitoring, patching, and fighting off threats 24/7 so you don't have to.



DID YOU KNOW?

On average, U.S. K-12 school districts experience about five cyber incidents per week.

U.S. Department of Education

Compliance Without the Headaches

FERPA, COPPA, state mandates... the alphabet soup of school compliance is enough to give anyone a headache. Compliance isn't just paperwork—it's the culture your school builds, the reputation you protect, and the future you safeguard for your students.

It's about keeping it simple:



Policies That Make Sense

Easy-to-follow rules and processes for staff and students.



Access Control

Only the right people see the right data.



Audit Readiness

Organized records that won't make you sweat when someone asks for them.



Updates On Autopilot

Stay in step with changing regulations without constantly chasing them down.

BONUS

MSPs simplify the legal jargon and make sure you're covered, so compliance becomes a checkbox—not a stress box.



DID YOU KNOW?

While nearly all teachers (90%) and IT staff (95%) use multi-factor authentication (MFA), only about 5% of students do—highlighting a gap in how access controls are applied across groups.

Cybersecure

Remote and Hybrid Learning That Actually Works

Whether it's snow days, sick days, or modern flexibility, students and teachers need smooth, secure access from anywhere. But clunky systems or lagging video calls? That's a recipe for frustration.

Here's what it takes:



Secure Remote Access: Secure logins and access control to protect data outside the building.



Cloud Collaboration Tools: Video, assignments, group projects—without the hiccups.



Device Tracking: Know where your devices are, what's on them, and if they're up-to-date.



Strong Bandwidth: Because 30 kids on video calls shouldn't melt your network.

BONUS

MSPs set up and manage the tools so your hybrid and remote classrooms run like clockwork.



DID YOU KNOW?

76% of educational institutions adopted remote learning during the COVID-19 pandemic. 43% of those experienced cybersecurity threats linked to remote learning tools.

Gitnux

Access Control: Who's In and Who's Out?

Think of access control as your school's digital hall pass system. Not everyone should have keys to every room—and the same goes for your network.

Here are the best practices every educational institution should follow:



Role-Based Access

Students don't need access to payroll. Teachers don't need admin rights.



Single Sign-On (SSO) + MFA

One login, extra secure, no sticky notes with passwords taped to monitors.



Regular Clean-Ups

Update who has access when roles change or staff leave.



Audit Trails

Receipts and documentation for every login.

BONUS

MSPs automate this whole process, so you don't have to babysit permissions.



DID YOU KNOW?

Organizations that provide regular security awareness training see up to 70% fewer successful phishing attacks, showing how important it is to teach people safe access practices.

Verizon

Proactive IT: Stop Putting Out Fires

If your IT team is constantly fighting fires, they don't have time to focus on the big picture—like improving learning through technology. Proactive support means fewer emergencies and more teaching.

Here's how Managed Service Providers (MSPs) help:



Support When You Need It: No more waiting until Monday to fix Friday's problems.



Patch Everything: MSPs keep your systems up-to-date and secure.



Scale on Demand: Add new devices or apps without chaos.



Strategic IT Planning: MSPs align tech with your school's vision, not just today's issues.

BONUS

MSPs are the safety net that catches problems before they hit the classroom.



DID YOU KNOW?

With proactive IT management, classroom tech problems are reduced by up to 40%, so teaching time isn't lost.

Follett Software



The Payoff: More Learning, Less Stress

Technology should be a launchpad for success—not a stumbling block. When your network is strong, your security is tight, and your IT is proactive, here's what happens:



Engaged Students

Reliable, high-performance technology supports interactive lessons and collaborative learning.



Empowered Teachers

Educators can teach without interruptions from technical issues.



Safe & Compliant Operations

Protect sensitive data while ensuring regulatory requirements are met.



Operational Efficiency

Reduce downtime and IT troubleshooting, allowing staff to focus on education and administration.

Managing a school's IT environment doesn't have to be overwhelming. By focusing on **networks, cybersecurity, compliance, remote/hybrid learning, and access management**, schools can create secure, connected, and productive learning environments.

Partnering with an MSP ensures you have the expertise, monitoring, and support needed to **keep students, staff, and administrators focused on what matters most—learning.**

[Contact us](#) today to discover how your campus can thrive in a secure, connected, and modern digital environment.

[Contact Us](#)

Mirazon[®]

www.mirazon.com

(502) 240-0404

info@mirazon.com

1640 Lyndon Farm Ct., Suite 102
Louisville, KY 40223