CoSN

LEADING EDUCATION INNOVATION

Top 5 Things Today's New EdTech Leaders Should Know

Top 5

Cybersecurity and Safety

Budgeting and Sustainability Planning

Communications

Asset and Identity Management

Equity, Diversity, Inclusion

Cybersecurity and Safety

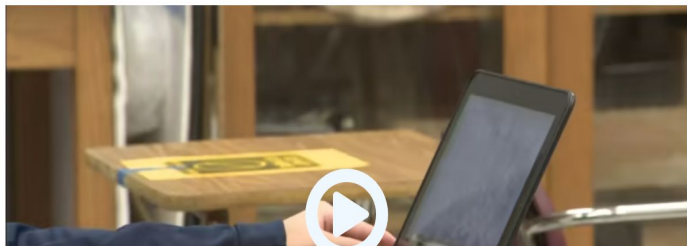| Rank	2019	2020	2021
1	Cybersecurity	Cybersecurity	Cybersecurity
2	Cost-Effective/Smart Budgeting	Privacy & Security of Student Data	Privacy & Security of Student Data
3	Data Driven Instruction & Decision Making	Data Driven Instruction & Decision Making	Digital Equity

EDTECH LEADERSHIP SURVEY REPORT

2021

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Top Concern 3 Years in a Row!

Learning Loss

Hackers post files after Broward school district refuses to pay ransom

Ransomware Attack Closes Baltimore County Public Schools

The attack, first discovered late Tuesday, disrupted the district's websites and remote learning programs, as well as its grading and email systems, officials said.

Ransomware attack shutdown all Buffalo school learning

"We feel very really heartbroken"

Cybersecurity and Safety

What are some of the most common causes of learning loss due to cyber attacks?

Cybersecurity and Safety

Knowing the importance of being proactive, what advice would you give to districts to protect their districts from attack?

Cybersecurity and Safety

In your experience, what should districts know about cybersecurity insurance?

Budgeting and Sustainability Planning

Millions of dollars from Covid Relief used for additional devices and a possible recession is looming…

BUT…

Many districts haven't developed sustainability plans.

What tips can you give districts to avoid this funding cliff?

A Sample Technology Lifecycle Plan

	2019-2020	2020-2021	2021-2022	2022-2023	2023-2024	2024-20...	
School District Budgets	Pandemic	Relief $ available	Relief $ available	Relief $ available	Back to regular internal budget	Back to regular budget	...internal budget
End-User Devices (desktops, laptops, tablets, etc.)	Available technology in the district was used.	Purchase 1:1 devices for all middle schools, high schools.	Purchase 1:1 devices for elementary students 3-5, purchase carts & devices for PreK-2 to transition back to on-campus instruction	Purchase teacher workstations/laptops. Allocate funds for device repair and replacement.	Replace ½ middle school and high school 1:1 devices. Allocate funds for device repair and replacement.	Replace ½ middle school and high school 1:1 devices. Allocate funds for device repair and replacement.	Replace ½ 1:1 devices for elementary 3-5 and devices on PreK-2 carts. Allocate funds for device repair and replacement.
Classroom Display/Sound	Available technology in the district was used.	Available technology in the district was used.	Purchase and install classroom displays and equipment for hybrid learning for middle schools and high schools.	Purchase and install classroom displays and equipment for hybrid learning for PreK and elementary schools.	Maintain classroom display configurations. Allocate funds for display repair and replacement.	Maintain classroom display configurations. Allocate funds for display repair and replacement.	Maintain classroom display configurations. Allocate funds for display repair and replacement.
Printers/MFC	Available technology in the district was used.	Available technology in the district was used.	Begin to reduce the printer/MFC fleet in each building. Place the remainders in common areas.	Continue to reduce printer/MFC inventory. Invest in efficient and fast MFCs with secure printing and a maintenance plan to free up responsibilities of tech support .	Hit desired MFC ratio for the district with permanent placement in each school.	Maintain and replace on a complete cycle.	Maintain and replace on a complete cycle.
Servers	Available technology in the district was used.	Available technology in the district was used.	Build a plan for server optimization. Explore investing in load-balancing solutions and caching servers for	Implement plan for server optimization.	Complete plan for server optimization.	Build a replacement schedule of nodes as needed.	Build a replacement schedule of nodes as needed.

Communications

Many problems are caused by breakdowns in communication, specifically as it relates to change.

What strategies have you used to communicate with districts and communities about changes or other events?

Asset and Identity Management

It is critical that we work smarter, not harder! Managing your assets and accounts in a safe and effective way is a time drain.
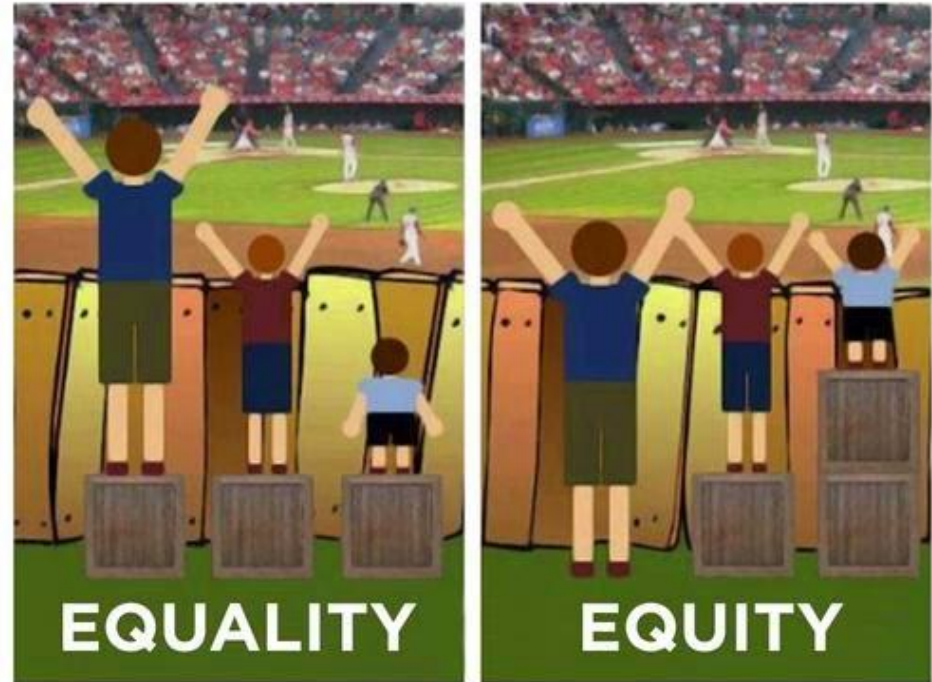
Assets and Identity Management

Can you give examples of how you have managed your technology related assets from applications to hardware?

What are some time saving strategies for dealing with identity management?

Diversity, Equity and Inclusion

Diversity, equity, and inclusion are not just words. It should be a goal for today's school districts.

Let's start by having Rod Houpe, CoSN Board Member, define the terms so we can all be on the same page.

EQUALITY | EQUITY

Diversity, Equity, and Inclusion

1. What strategies can be used to create a diverse team?

2. How are you addressing equity for your students?

3. What strategies can authentic leaders incorporate to ensure all staff and student feel included?

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