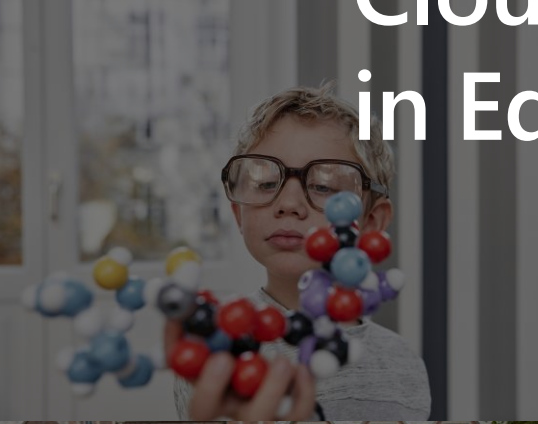




Cloud Modernization in Education



The vitality of the world depends on education, but the industry is facing unprecedented challenges.

New realities for the Education Industry

1

Major influx of new technologies (often as stop-gap measures)

2

Massive amounts of new types of data

3

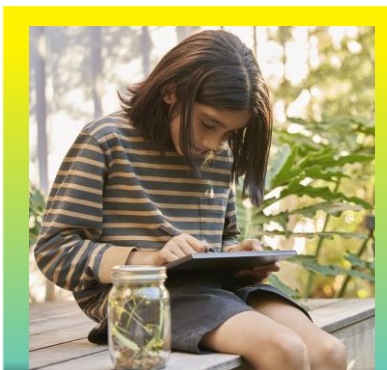
Increased expectations for how we work and learn

4

Changing skillsets required by the labor market

5

Funding and cost management



Many institutions implemented quick solutions rather than the most effective long-term approach to support remote teaching and learning, therefore incurring what is commonly known as “technical debt”. Education leaders are now charged with assessing all digital investments made to date as well as identifying and prioritizing other strategic investments to support ongoing efforts for digital transformation.

Current worldwide trends in education indicate that the focus is shifting back to digital modernization for many leading institutions. The new realities in education also present exciting opportunities such as creating accessible and equitable learning environments, using data for personalized and adaptive learning, enabling immersive experiences and workforce preparedness, building modern infrastructure and apps, and adhering to the latest cybersecurity and digital safety standards.

Leading institutions are adapting quickly and reimagining education.



BENENDEN

Benenden School adopts hyperconverged infrastructure and remote learning

"Azure Stack HCI and Windows Admin Center make our lives easier. We consider it something that could even change the direction of how we do things not just today, but also in five to ten years."

- Andrew France
Systems Administrator and Technical IT Services Delivery Manager
Benenden School

[Read full story here](#)



UNIVERSITY OF
TORONTO

University of Toronto unlocks visibility, operational efficiencies running SAP in the cloud

"Our SAP operations, managed by a team of four, are fundamental to the university. The level of scale they've achieved so quickly since moving to Azure is a big advantage."

- Praveen Narayanaswamy
SAP Solution Architect
University of Toronto

[Read full story here](#)



CATHOLIC DISTRICT SCHOOL
BOARD OF EASTERN ONTARIO

Canadian school district adopts cloud technologies to put students first

"Because we have cloud-based technology, we can connect to many more families than we could before. Before the pandemic, we would have 10 parents join a parents' night in person, but now 1,000 join through Teams."

- Natalie Cameron
Superintendent of School Effectiveness
Catholic District School Board
of Eastern Ontario

[Read full story here](#)



WASEDA
University

Waseda University strengthens business continuity planning and disaster recovery, improves operational efficiency

"We selected Azure after evaluating whether it could provide the enhanced BCP measures needed with the cloud, cost optimization, a departure from hardware operational maintenance, and improved stability."

- Kazuhiro Isozaki
Application Group, Information Planning Section,
Information Planning Department
Waseda University

[Read full story here](#)



Cloud is a strategic foundation for digital transformation in education.

The benefits of cloud technologies enable institutions to deliver equitable education at scale bringing flexibility, security, efficiencies, cost savings, and the potential for innovation. This allows education institutions to focus on what they do best – deliver creative, innovative, and differentiated teaching and learning solutions that effectively prepare students for the future.



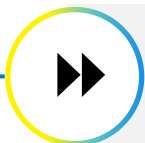
Flexibility

Integration and management of today's complex IT systems are made easy with tools and services designed for on-premises, across multiple clouds, and systems at the edge.



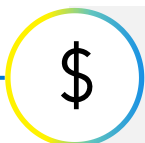
Security

Protect staff, teachers, students, and data across datacenters, infrastructure, and operations with multilayered security and compliance in a trust-worthy cloud.



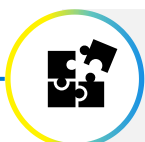
Optimization

Increase operational efficiency across the entire education system and let technology handle administrative tasks to free up teachers and staff to do what they do best.



Cost Savings

Optimize technology investments and save resources to use in other critical areas. Invest only in what you need without overspending or underutilizing technology.



Innovation

Position the institution for innovation through rich digital experiences for teaching, learning, and administration and deliver powerful and immersive learning experiences.

Three foundational areas for Cloud Transformation.



Modernize the digital estate

Buildings, classrooms, laboratories, and equipment have traditionally been crucial elements of learning environments in schools and universities. Now, modern educational institutions are more and more reliant on digital technologies to not only deliver hybrid learning, which has become an integral part of the teaching and learning mix, but also provide an opportunity to maximize other infrastructure investments on the path to digital transformation.



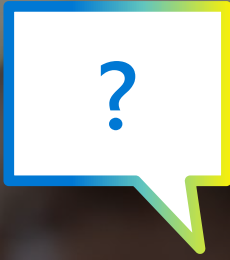
Leverage data as a strategic asset

The sheer volume and velocity of data in education systems is accelerating dramatically. When data assets across the entire system are connected and managed together, modern institutions can begin to leverage AI and Machine Learning capabilities to deliver rich experiences such as personalized learning, accessible solutions for diverse and distributed learners, digital services tailored to students, and the business intelligence needed for leaders making data-driven decisions.

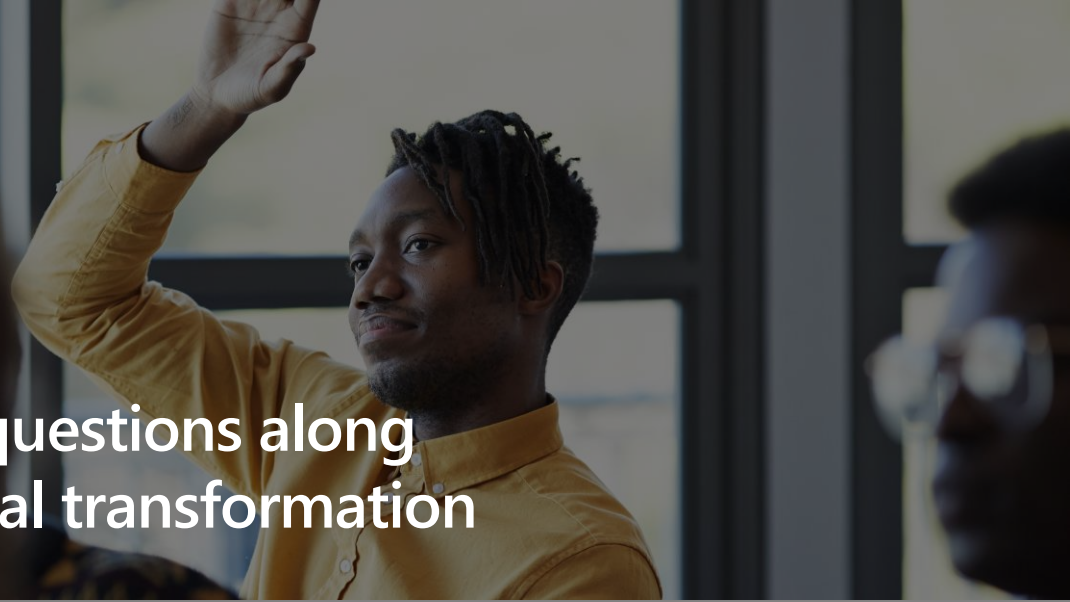


Ensure governance and security

More education systems are leveraging internet connectivity to support operations and more and more students are using personal devices and accessing the school networks remotely. This new reality increases cybersecurity risks and business continuity challenges resulting in high financial cost impacts, and the potential for significant operational disruptions which can damage the reputation of an entire institution. Prioritizing cybersecurity is an important part of the education strategy.



Consider these questions along the path to digital transformation



- What is the current state of your physical infrastructure?
- How many and what types of devices will be supported?
- What is your current network capacity?
- What resources are available to fund infrastructure modernization efforts?

[Build your business case](#)

- What questions do you want to answer with data?
- Can people access the data needed to make the right decisions?
- How can you enable faster business insights?
- What's your data compliance exposure?

[Collaborate with the open education data community](#)

- What have you done to minimize the risk of a security breach?
- Do you have a good risk management plan and a breach recovery strategy?
- Are you addressing the insurance requirements for a cybersecurity strategy?

[Take the security assessment](#)

Microsoft wants to work with education leaders to understand current priorities, help diagnose where the system is on the path to digital transformation and offer support to build a roadmap for implementing the right mix of cloud technologies, solutions, and devices.

Next Steps

- [Identify additional stakeholders to join the discussion](#)
- [Discover opportunity areas and priorities](#)
- [Build a roadmap for long-term success](#)

A smiling man with a beard, wearing a green short-sleeved button-down shirt and blue jeans, stands in a room. He is holding a blue marker in his hands. In the background, there is a large map on the wall and a wooden table with papers. A horizontal bar with a yellow-to-blue gradient is positioned above the text.

THANK YOU