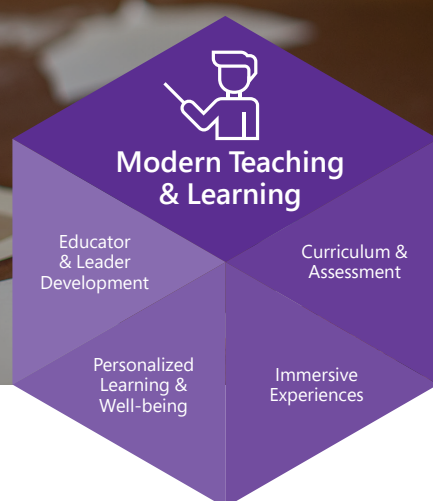


Modern Teaching & Learning



Quick start guide

Build a culture of learning that inspires every teacher and student.



Take the next step in transforming learning

Inspiring and motivating experiences are the lifeblood of teaching and learning. They're also at the heart of systemic transformation in education. The Microsoft Education Transformation Framework identifies the four building blocks needed to create them – with proven insights to help you put them together to transform learning.

What does modern teaching and learning look like?

Modern teaching and learning makes the most of new and immersive ways to explore the curriculum. It nurtures a growth mindset in students, emphasizing future-ready skills to help them thrive in jobs not yet invented. It's unafraid to use new technologies and new forms of assessment to gauge student progress.

How can we work toward it?

Proficient educators are the driving force in modern teaching and learning. By personalizing learning pathways, they empower every student to reach their potential. To help them build skills, the Microsoft Education Transformation Framework supports them with communities of practice, software and professional development.

What's the Microsoft Education Transformation Framework?

The Microsoft Education Transformation Framework is an effective, flexible platform for education transformation. To develop it, we combed the latest research and consulted hundreds of academics, experts and policy makers. We distilled the key insights into a single powerful framework now available to school leaders everywhere. It's an excellent starting point for creating modern teaching and learning in your school system.



Education Transformation Framework
microsoft.com/education/leaders

What's modern teaching and learning all about?



Educator & leader development	Personalized learning & well-being	Immersive experiences	Curriculum & assessment
It's about professional learning that's more inspiring than traditional training. By participating in an active community of practice that shares ideas, successful strategies and content, educators motivate each other to grow and adapt.	It's about new approaches and tools. These help educators unlock students' sense of purpose and inspire them to achieve more. At the same time, students develop important 21st century competencies.	It's about taking students vividly outside their own experience. What if they could go virtually into a volcano, or walk around a living cell in 3D? Or even build their own medieval village or sub-Saharan ecosystem?	It's about creating multifaceted learning content for students – and evaluating them on competencies, not content recall. And it's about linking them to the community for education, employment and entrepreneurship.

Insight

The most successful strategies for creating sustainable change in teaching practices knit together online professional development with local and global communities of practice.

The key to a transformed learning system is understanding students' strengths and weaknesses – whether academic, emotional or social, to offer learning opportunities that resonate with them.

Immersive learning experiences have been shown to increase student understanding and retention in both the sciences and arts, so they are the very center of modern teaching and learning.¹

New forms of curriculum – whether project-based, personalized or driven by new competencies – require new tools to access and customize the student experience – and new ways to assess their progress.

Resources

The Microsoft Educator Community offers a huge wealth of professional development opportunities, as well as teaching and learning materials for any teacher to make their class more engaging.

Professional Learning Communities in Microsoft Teams enable regular connection between teachers in interest areas, grade levels or across subjects to share and learn from each other.

Microsoft Teams empowers student voice and choice with conversations, video and fun content. Rich, persistent conversations experience make learning more visible and accessible to the entire class. Teachers can engage students in project-based learning with text, video and voice. Students can stay on top of their learning via the Class Notebook, Assignments, Office apps and files built into every class.

Windows Mixed Reality and Microsoft HoloLens transform abstract concepts into 3D experiences in the classroom, enabling students to investigate more deeply, see more clearly and learn by doing.

Minecraft: Education Edition enables game-based learning in any subject, alongside the fundamentals of coding, and helps develop computational thinking.

Imagine Academy offers student learning pathways from K12 through to higher education, to develop from the ground up computational thinking, productivity skills through to data science.

Microsoft Forms offers simple yet powerful formative assessment tools to monitor student progress and gather feedback.

Take the next step

1. Get resources

For more information about the four building blocks of modern teaching and learning and to gain access to the resources described and much more, please visit our website.

2. Request a workshop

For help creating modern teaching and learning with technology, just ask. Microsoft's in-house experts and education transformation partners can get you started with workshops tailored to your team.

1. Wu et al. 2012, Lindgren & Johnson-Glenberg, 2013, Merchant et al. 2014