In the world of eLearning, technology takes education virtually anywhere people want to learn.

Education is more than students sitting in a classroom. Online content is supplementing printed textbooks. WiFi hotspots are replacing classrooms. Libraries are going online.

The expansion in Internet connectivity and the use of PCs and other mobile devices at home and in schools has transformed learning. Schools and campuses are increasingly both physical and virtual. By incorporating eLearning technologies, your learning community can expand its offerings, engage students more fully, and enhance staff and faculty communications.

What’s more, your campus may even have the technology in place already. Find out how popular Microsoft products and partner services are fueling innovation in content creation, communication, collaboration, distance learning, and learning management at schools around the world.

Today’s eLearning

As education communities innovate using web-based and computer-based learning solutions, scenes like these are becoming common:

- An instructor uses his PC to organize his lecture notes, incorporating them into a multimedia presentation for the class, complete with diagrams, video, and interactive components.

- Students living in isolated areas attend class via high-definition video. With live webcasting and interactive sharing sessions, even remote students feel like they’re part of the class.

- A team of MBA students located across the country collaborate on a class presentation online.

- A high school senior catches up with a previously recorded class, getting audio, video, and even the teacher’s lecture notes timed to the delivery.

- A training institute expands its curriculum by offering online-only classes and on-demand webcasts.

- A professor uploads her test questions into a learning management system that can grade student responses automatically.

- Using her phone, a student edits a team report, then sends it to her classmates for review.

The technology behind these innovations might be closer than you think. Microsoft Solutions for eLearning encompass a range of offerings that make it possible for educators and students to:

- Create fun and engaging multimedia content.

- Communicate and collaborate virtually anywhere on most any device.

- Manage learning and classroom content more efficiently.
To create a truly effective learning environment, schools must keep pace with the fast-changing needs of the digital generation.

The web has helped create a generation of active learners who expect education to be as engaging as the online games and social media sites they use. True digital natives, they effortlessly collaborate online and incorporate multimedia elements into their schoolwork.

Today’s eLearning solutions enrich face-to-face teaching with web-based resources and communication that provide the engaging experiences students crave and support the individualized learning plans that educators want. Students and faculty alike enjoy using lively multimedia content for classrooms and projects, and the tools for creating it are readily available.

Real-world applications

- In one high school English class, students incorporate pictures and music into a video montage that illustrates the meaning of a chosen poem.
- Elementary school students learn logic and practice critical thinking and problem solving as they design and build their own computer games.
- Students receive classroom content from the instructor, who downloads it from her digital notebook to theirs. They can take and organize their notes, compile links to web resources, and deliver assignments all in one convenient central place.
Resources for classroom innovation

Want to unleash student creativity and boost learning outcomes? Microsoft and partners deliver a host of tools for making learning effective and fun.

Engage the class

- **Microsoft Office Professional Academic 2010** is a comprehensive suite of applications that equips students and faculty for school and beyond. It's all you need to communicate, create dynamic content, analyze data, and work with others from virtually anywhere.

- **Microsoft OneNote** keeps class organized. Teachers and students use this digital notebook to capture information, create and deliver notes, organize projects and presentations, and share learning content easily.

- **Microsoft Math**, an add-in for Microsoft Office, helps students tackle math and science problems quickly and easily—from a single place.

- **Interactive Classroom** connects a teacher’s Microsoft Office PowerPoint presentation to students’ OneNote notebooks. Now teachers can poll students (pop quiz, anyone?) and share class resources on the spot.

Go beyond the 3 Rs

- **AutoCollage** showcases photographs and pictures in beautiful collages (available as a trial version).

- **Mouse Mischief** helps teachers engage students by creating polls and asking questions with Microsoft Office PowerPoint. Students click to get the answer.

- **Pivot** reveals trends and promotes insight by making sense of mountains of data in powerful and fun ways.

- **Photo Story 3** makes slideshows more fun with special effects and narration.

- **Photosynth** is the cool way to create 3-D experiences from multiple images.

- **Songsmith** matches musical accompaniment to your singing voice.

- **WorldWide Telescope** shows students the stars through a virtual telescope that incorporates images from the Hubble Space Telescope and more.

Promote digital literacy

- **Digital Literacy Curriculum** creates awareness of the rights connected with creative content in an interactive, classroom-ready format.

- **Windows Academic Program** provides core Windows technologies to universities for teaching and research.

- **Imagine Cup** is the competition where high school and university students—300,000 this past year alone—use technology to help solve some of the challenges identified in the United Nations Millennium Development Goals.

- **Dreamspark** provides professional-level developer, designer, and gaming tools to students and educators around the world at no charge.

- **Microsoft IT Academy Program** gives faculty and students access to training on the latest Microsoft software and technologies, and enables member high schools and colleges to prepare credit and noncredit students for careers and certification in information technology.

- **MSDN Academic Alliance** is an annual membership program for college and high school technical departments in the areas of computer science, engineering, and information systems. The subscription includes Microsoft platforms, servers, developer, and design tools for instructional purposes.
Deliver Education—Anytime, Anywhere

From online textbooks to classroom portals to distance learning, technology is creating a new world of significant virtual learning opportunities.

In a wired world, virtually anyplace can become a classroom. Students and faculty can communicate using e-mail, video, blogs, wikis, social media sites, voice over IP (VOIP), video, and other web-based tools. As a result, learning communities can flourish regardless of physical location, and more schools can take advantage of distance learning to supplement and expand their offerings.

As a key technology for distance learning, Microsoft Office 2010 and the Microsoft unified communications (UC) platform provide the foundation for real-time communication and collaboration. UC combines e-mail, instant messaging, voice, audio, video, and web conferencing into a single system, eliminating the need for expensive PBX and other infrastructure. UC is the support that schools need to provide cutting edge communication capabilities, such as high-definition video and online class delivery. Through UC, students, teachers, administrators, and staff can stay connected regardless of platform, device, or location.

Real-world applications

- Students and faculty log on to a class portal from any Internet connection, see who’s online, and connect instantly. A conversation can start in IM, switch to voice, then to video, then to app sharing—all within the same client experience.

- A school district gains needed operational continuity in the event of school closures. Even in a worst-case scenario, such as pandemic outbreak with its isolation requirements, teachers and students can work together at home or school using a PC.

- A high school is able to add Advanced Placement (AP) courses as distance learning options.

- An instructor conducts an online class, broadcasting visual aids, chats, documents, voice, video, and even part of his desktop to students in other cities.

- A college is able to boost enrollment by delivering online courses with voice, video, chat, sharing, and multiple presentation formats—all of which can be delivered synchronously or asynchronously.
Resources for unified communications

Keep people connected, organized, and involved. Microsoft and its partners provide the communication and collaboration infrastructure for your education community, your campus, and for distance learning.

Communicate and collaborate

- **Microsoft unified communications**\(^1\)\(^8\) technologies help educators, administrators, and staff members streamline communications regardless of medium, platform, device or location.
- **Microsoft Office 2010**\(^1\)\(^9\) helps keep you connected—for example, educators and administrators can communicate with click-to-call functionality and presence information from any Office system application.
- **Microsoft Exchange Server 2010**\(^1\)\(^0\) provides the foundation on which your academic organization can build cost-effective unified communications.
- **Microsoft Lync Server 2010**\(^1\)\(^1\) sets distance learning free. The next generation of Office Communications Server, Lync delivers presence, instant messaging, conferencing, and voice capabilities to PCs, browsers, and mobile devices through a single, easy-to-use interface.
- **Microsoft SharePoint**\(^1\)\(^2\) streamlines school communications and brings learning communities together online. With tools for creating portals, blogs, wikis, shared online workspaces, and more, SharePoint makes it easy for educators and students to work together and stay productive anywhere.
- **Live@edu**\(^1\)\(^3\) helps prepare students for the future. With free hosted services, such as e-mail, calendaring, and genuine Microsoft Office Web Apps, Live@edu trains students on the same software that many employers use.
- **Windows Live SkyDrive**\(^1\)\(^4\) lets students and faculty share their work by providing 25 GB of free storage and giving your students a free ePortfolio.

Get even more from Microsoft partners

- **Polycom CX5000**\(^1\)\(^5\) provides conferencing hardware bringing video, voice, and content together by equipping your classrooms or conference rooms for engaging group video collaboration.
- **Vidizmo**\(^1\)\(^6\) empowers you to create and deliver on-demand, interactive, rich media presentations that meet Shareable Content Object Reference Model (SCORM) requirements.
- **Accordent**\(^1\)\(^7\) provides solutions based on the Microsoft UC platform that enable schools to deliver distance learning programs, provide on-demand materials to students, and support administrative management.

Manage Learning Outcomes

With the support of a learning management system, education institutions can administer and deliver learning content while tracking student achievement.

The grade book has gone high tech. Today’s eLearning management platforms give school administrations new flexibility to meet institutional goals and impact learning outcomes. These platforms can be as simple or as extensive as you need but typically include a content management system that allows instructors to manage learning content while providing a layer of transparency to the administration and students.

If your education institution is like many, you can easily enhance content management capabilities using a SharePoint Portal Server investment. In many cases you may already have SharePoint Portal server available at your institution as part of your current licensing agreement.

What’s more, you can work with a Microsoft partner to get a solution tailored for your learning community. Our partners are experts in working with the SharePoint Portal Server platform and using out-of-the-box components to customize a learning management system for a fraction of the cost of a traditional system with the same features.
Real-world applications

- A learning dashboard aggregates student test results at a glance for instructors and automates required reporting data for school district administrators.

- A class keeps track of all assignments, course content, schedules, and other materials in one central, accessible web portal.

- An education institution can search and discover learning content across the institution.

- A university can build a robust data infrastructure that can provide transparency into the efficacy of their programs and help with accreditation needs and processes.

Resources for learning management

- **Microsoft SharePoint 2010** provides the backbone of a learning management system—content management tools; online classrooms; online portfolios for sharing work; dashboards for instructors, administrators, and students; and even the foundation for a private social network.

- **Microsoft SQL Server 2008** provides the data layer necessary for the most demanding learning management systems.

- **Microsoft Windows Server 2008** provides your academic institution with a highly secure, reliable, and cost-effective platform for powering learning management systems.

Get even more from Microsoft partners

A strong ecosystem of Microsoft partners, such as Desire2Learn and ELearning Force, is available to work with you. The modular design of SharePoint services makes customization easy and works with your existing infrastructure, saving you the cost of engineering a solution from scratch or purchasing a much more expensive system.

Learn more

Making the right choice among various technologies is essential if schools are to successfully meet today’s challenges and provide a solid foundation for the future. From rich content creation, delivering a robust communications infrastructure, and enabling learning management systems, hosted in cloud or on premise, Microsoft and our partners are dedicated to delivering secure and cost-effective eLearning solutions that advance education and prepare students for what's to come.

Contact Us

1-888-237-8376

Learn more
<table>
<thead>
<tr>
<th></th>
<th>White Paper Hyperlink URLs</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Microsoft Office Professional Academic 2010</td>
</tr>
<tr>
<td>2</td>
<td>Microsoft OneNote</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.microsoft.com/education/products/office/onenote/default.aspx#overview">http://www.microsoft.com/education/products/office/onenote/default.aspx#overview</a></td>
</tr>
<tr>
<td>3</td>
<td>Microsoft Math</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.microsoft.com/education/products/student/math/default.aspx#overview">http://www.microsoft.com/education/products/student/math/default.aspx#overview</a></td>
</tr>
<tr>
<td>4</td>
<td>Interactive Classroom</td>
</tr>
<tr>
<td>5</td>
<td>AutoCollage</td>
</tr>
<tr>
<td>6</td>
<td>Mouse Mischief</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.microsoft.com/multipoint/mouse-mischief/">http://www.microsoft.com/multipoint/mouse-mischief/</a></td>
</tr>
<tr>
<td>7</td>
<td>Pivot</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.getpivot.com/">http://www.getpivot.com/</a></td>
</tr>
<tr>
<td>8</td>
<td>Photo Story 3</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.microsoft.com/windowsxp/using/digitalphotography/PhotoStory/default.mspx">http://www.microsoft.com/windowsxp/using/digitalphotography/PhotoStory/default.mspx</a></td>
</tr>
<tr>
<td>9</td>
<td>Photosynth</td>
</tr>
<tr>
<td></td>
<td><a href="http://photosynth.net/default.aspx">http://photosynth.net/default.aspx</a></td>
</tr>
<tr>
<td>10</td>
<td>Songsmith</td>
</tr>
<tr>
<td>11</td>
<td>WorldWide Telescope</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.microsoft.com/education/products/worldwidetelescope/default.aspx#overview">http://www.microsoft.com/education/products/worldwidetelescope/default.aspx#overview</a></td>
</tr>
<tr>
<td>12</td>
<td>Digital Literacy Curriculum</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.digitalcitizenshiped.com/">http://www.digitalcitizenshiped.com/</a></td>
</tr>
<tr>
<td>13</td>
<td>Windows Academic Program</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.microsoft.com/resources/sharedsource/windowsacademic/default.mspx">http://www.microsoft.com/resources/sharedsource/windowsacademic/default.mspx</a></td>
</tr>
<tr>
<td>14</td>
<td>Imagine Cup</td>
</tr>
<tr>
<td></td>
<td><a href="http://imaginecup.com/">http://imaginecup.com/</a></td>
</tr>
<tr>
<td>15</td>
<td>Dreamspark</td>
</tr>
<tr>
<td></td>
<td><a href="https://www.dreamspark.com/">https://www.dreamspark.com/</a></td>
</tr>
<tr>
<td>16</td>
<td>Microsoft IT Academy Program</td>
</tr>
<tr>
<td></td>
<td><a href="http://www.microsoft.com/education/msitacademy/default.mspx">http://www.microsoft.com/education/msitacademy/default.mspx</a></td>
</tr>
</tbody>
</table>
17 **MSDN Academic Alliance**  
http://msdn.microsoft.com/academic/

18 **Microsoft unified communications**  

19 **Microsoft Office 2010**  

20 **Microsoft Exchange Server 2010**  

21 **Microsoft Lync Server 2010**  

22 **Microsoft SharePoint**  
http://www.microsoft.com/education/products/server/sharepoint2010/default.aspx#Overview

23 **Live@edu**  
http://www.microsoft.com/liveatedu

24 **Windows Live SkyDrive**  

25 **Polycom CX5000**  

26 **Vidizmo**  
http://www.vidizmo.com/

27 **Accordent**  

28 **Microsoft SharePoint 2010**  
http://www.microsoft.com/education/products/server/sharepoint2010/default.aspx#Overview

29 **Microsoft SQL Server 2008**  

30 **Microsoft Windows Server 2008**  

31 **Desire2Learn**  
http://www.desire2learn.com/

32 **ELEARNING Force**  
http://www.elearningforce.com/Pages/Home.aspx