Microsoft Services

Learning without boundaries
Education is at the core of any progressive society and flourishing economy.

Never has it been more important for education to enable student success, employability, entrepreneurship, well-being and lifelong learning capability.

**Shifts in Learning**

- **Formal** to **Informal**
- **Highly curated** to **Socially filtered**
- **Individual** to **Community**
- **Teaching** to **Contribution and co-creation**
- **Consumption** to **Peer reviewed**
- **Proctored** to **Local relevance**
- **Global scale** to **Always on**
- **Moment in time** to **Networked and federated**
- **Centralized** to **Omni-channel**
- **Single-channel** to **Coaching and mentoring**

**Sources:**
Facilitate seamless learning pathways that evoke a continuous growth mindset and inspire the desire to embrace challenge.

### Learning as a Digital Service

#### Reference Data
- Student data management
- Faculty data management
- Staff data management
- External agency data management
- Market data management

#### Operations Management

<table>
<thead>
<tr>
<th>Reference Data</th>
<th>Operations Management</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Student enrollment</td>
</tr>
<tr>
<td></td>
<td>Food services</td>
</tr>
<tr>
<td></td>
<td>Library and media services</td>
</tr>
<tr>
<td></td>
<td>Logistics and warehousing</td>
</tr>
<tr>
<td></td>
<td>Transportation</td>
</tr>
<tr>
<td></td>
<td>Material procurement and services</td>
</tr>
</tbody>
</table>

#### Curriculum Development
- Curriculum design
- Collateral administration
- Student achievement assessment
- Program evaluation

#### External Relationships
- Legal and ethical issues
- Public relations program
- Board of trustees/education
- Government

#### Sales and Service
- Assisted channel management
- Sales
- Cross channel management
- Marketing

#### Student Support
- Counselling services
- Community services
- Parent engagement programs
- Assessment tool development

#### Business Support
- Technology management
- Facilities management
- Compliance management
- Enterprise risk management
- Finance
- HR management
- Doc management and archive
- Knowledge and IP management
Imagine if you could proactively identify students who need additional support and provide them with the resources they need to improve performance and contribute to a higher academic rating...
Discover student performance gaps and provide customized support and learning solutions

FROM

I want to help my students maintain an academic edge, attain higher grades, achieve research breakthroughs, and realize their dreams.

I am unable to identify students who are likely to have difficulties achieving their learning goals.

My team lacks the insight to predict student trends and take proactive steps to help struggling students.

TO

Our student analytics solution uses descriptive and predictive analytics so our teachers and administrators can monitor student performance and preempt student disengagement.

We can intervene early to get students moving in the right direction.

We can aggregate multiple types of student data, such as attendance, family, participation in food programs, transportation, and other social factors and use machine learning to monitor for indications of risk, as well as determine the effectiveness of all our programs.

We have improved our school ratings and are becoming well-known for our student services.

As a result of this deep insight, we are able to help our students overcome obstacles and our indicators show it.
Empower teachers to emphasize high-value activities, focus on learners, and prioritize student excellence

Top-line Impact: Facilitate timely student-teacher interaction and empower teachers to spend their time educating, mentoring, and coaching their students

<table>
<thead>
<tr>
<th>BENEFITS</th>
<th>START</th>
<th>STOP</th>
<th>CONTINUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Improved and sustained school rating</td>
<td>Relying on new technologies to execute logistical tasks</td>
<td>Worrying about logistics using conventional methods</td>
<td>Improving collaboration and communication</td>
</tr>
<tr>
<td>Increased school funding</td>
<td>Spending quality time on student activities</td>
<td>Micromanaging and wasting time connecting</td>
<td>Partnering with parents</td>
</tr>
<tr>
<td>Enhanced student academic experience</td>
<td>Encouraging lively and interactive collaboration among students, staff, and parents</td>
<td>Doing manual and repetitive work</td>
<td>Working with students on their future dreams and aspirations</td>
</tr>
<tr>
<td>Enriched professional development of teachers</td>
<td>Dedicating your recouped time to student excellence and long-term achievement</td>
<td>Thinking of students “one day at a time”</td>
<td></td>
</tr>
</tbody>
</table>
Predicting student dropout risks; increasing graduation rates

Tacoma Public Schools aspired to be an outstanding school district in which all students exhibit high standards of achievement and critical thinking skills, and are socially responsible, contributing members of society. The school district wanted to improve student success by identifying students in the greatest need and providing them with timely intervention and support.

Using a digital solution, TPS was able to identify the key factors that influence positive student outcomes so they could improve academic performance for all their students proactively—resulting in an increase in graduation rates from 55 to 78 percent.
Imagine if students had the means to plan, connect, collaborate, research, and gain insight from others both physically and virtually...
See through the eyes of the student

Research schools online
Gather info from social media
Discuss school with admissions rep
Apply online
Track applications
Follow up from recruiter

Make decision
Register at school

Set up shared workspaces
Attend classes and work off campus
Attend classes and work on campus
Register for courses
Learn about available courses

Collaborate
Receive support and guidance
Graduate
Career placement & employment
Alumni relations
Development

Manage coursework

DIGITAL HOTSPOTS
On-line school research
Application process
Recruiting
Program planning
Course and schedule optimization
Omni-channel delivery
Collaboration
Student communications
Student portal
Career research, placement & employment
Alumni relations
Development
At higher education institutions, academics who gain on-demand access to unlimited statistical and computing capabilities can become known for research credibility, precision, time to results, and innovation.
Microsoft empowers students and educators to do more through immersive and inclusive learning experiences for teachers and students.

**STUDENT PERFORMANCE ANALYTICS**

- **Improved educational outcomes** through actionable insight on student performance from data collected on students. These insights and interventions also improve student retention, graduation rates, and employability.
- **Active engagement** in education process that includes parents and students, reducing need for faculty and operational overhead.
- **Interactive instructional applications** that can make anytime, anywhere learning a reality, allowing students to be engaged both in and away from the classroom.
- **Better, more powerful tools** so administrators can run their campus operations more smoothly using a wide range of familiar applications to manage a variety of systems.
- **Cheaper, more efficient datacenters** so schools can add extra cloud computing capacity during high demand periods vs. purchasing hardware.
- **Smart Classrooms** that use connected technology with thoughtfully designed spaces to enable students to work efficiently and flexibly in groups or alone.

Improve education with solutions that span education operations, analytics, research, learning systems, and school and campus administration. These solutions can drive more innovative schools, with more cost-effective services and better learning outcomes.
Design your digital strategy

Inspire positive academic outcomes through your digital transformation.

**Engage your students**
Adopt digital, interactive, and personalized content to engage students. Prepare students with skills to succeed in today’s fast-changing workplace.

**Empower your educators**
Give educators useful, time-saving tools to engage students in and out of the classroom. Meet compliance requirements and deliver exceptional student experiences.

**Optimize your operations**
Run institutions effectively and efficiently with solutions from Microsoft and our partners, from IT to the business office and operations.

**Transform learning**
Connect leadership, pedagogy, and technology to transform the way students learn and educators teach with technology, frameworks, and blueprints for 21st century learning.
You are reinventing what it means to educate, and we’re committed to creating the right solutions for you.

Solutions that are disruptive but robust, delivering real results at speed.

Together we can reimagine the art of the possible.
Microsoft Services empowers organizations to accelerate the value imagined and realized from their digital experiences.


microsoft.com/services