Your STEM Courses. Your Way.
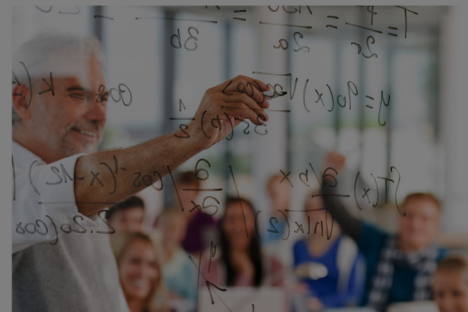
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DigitalEd

Return to Normal

Educators worldwide are being asked the question: "When are you planning to go back to school?" And no, this is not about plans after a well-deserved summer vacation or even sabbaticals taken during the last 18 months. It is about going back to school in person after more than a year of social restrictions. There is almost no question that you participated remotely outside your usual classroom—maybe from your home, temporary residence, or even a vacation spot. The discussion these days is about what the "return to normal" will look like.

The perfect path of how schools can "return to normal" has not been determined, but here are a few scenarios that are currently taking place:

"Our school will be returning to normal."

Schools aim to revert to how things operated before the pandemic with restrictions such as class size limits, distancing rules, and vaccination requirements.
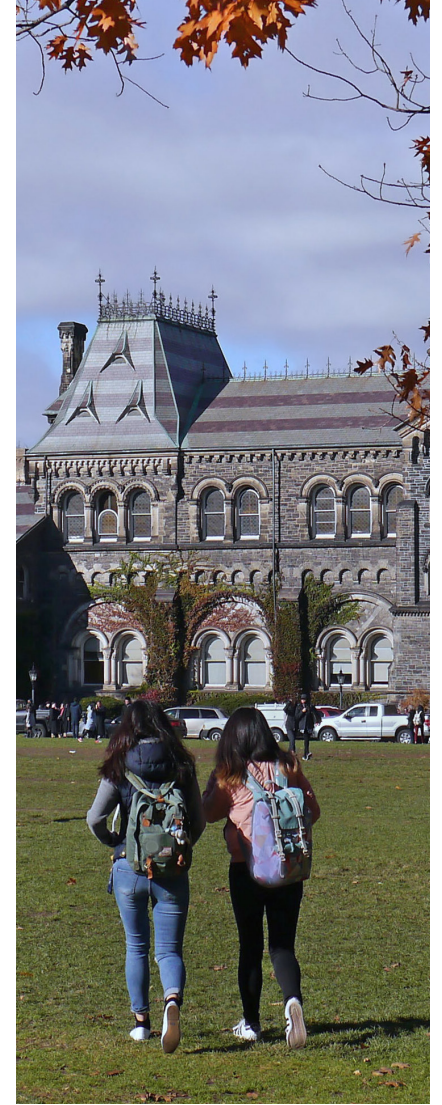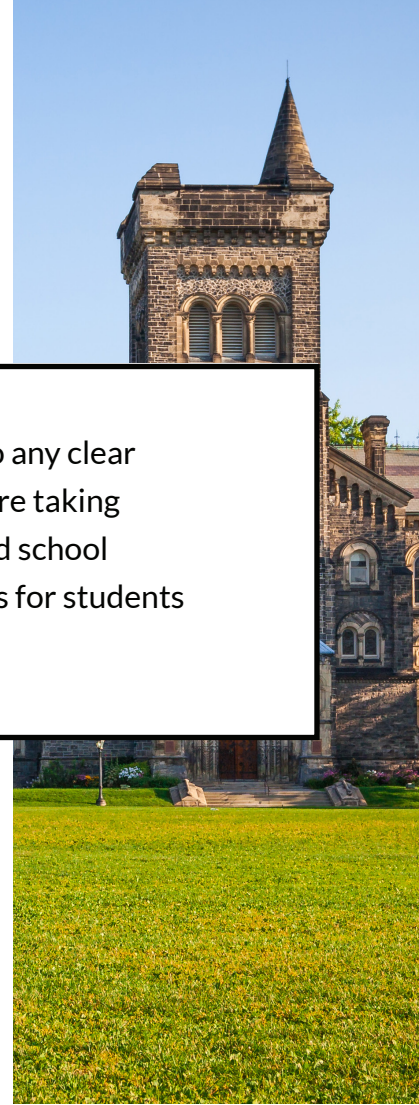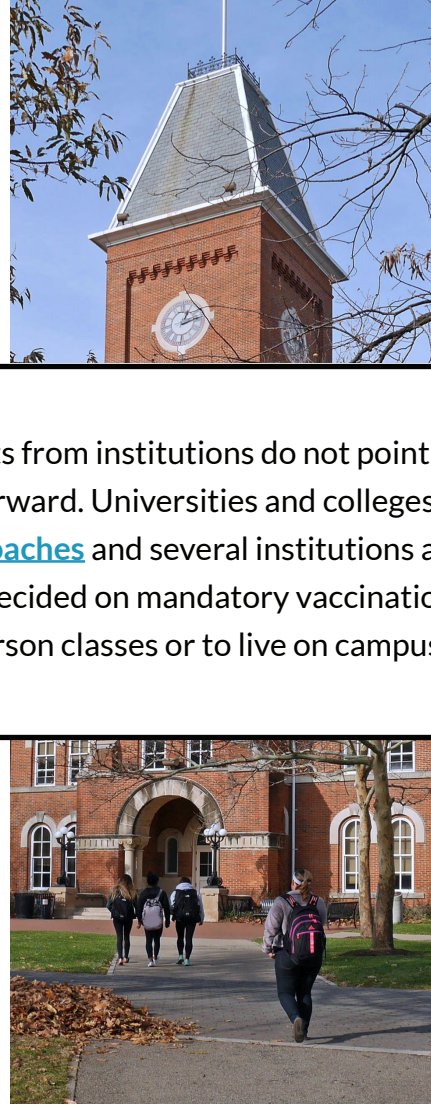

"Our school will operate remotely due to uncertainties or laws in our area."

Not every region, state, province, or country will respond identically, and schools ultimately have to make decisions based on their circumstances and location.

"Our school will offer a hybrid model."

A return to in-person classes, but will also provide completely remote options for those students who cannot or choose not to attend in-person classes.
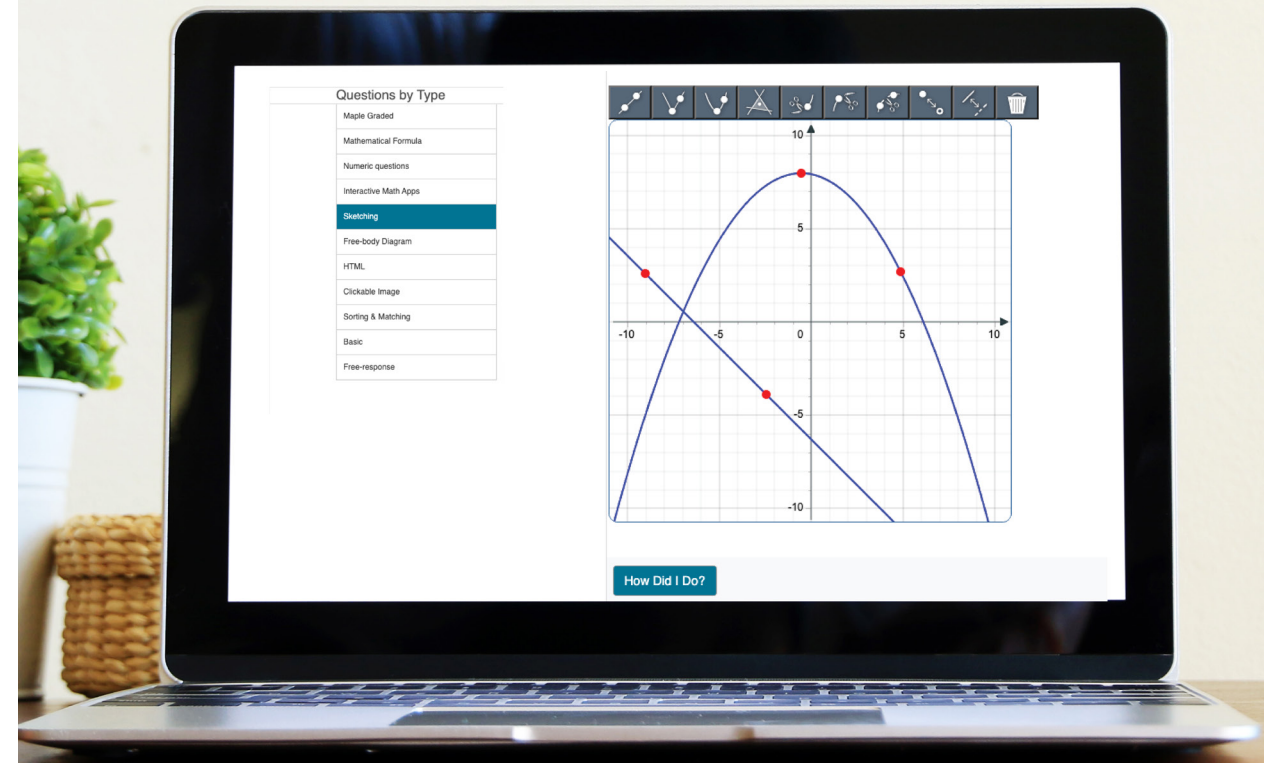
Announcements from institutions do not point to any clear path moving forward. Universities and colleges are taking **[different approaches](#)** and several institutions and school systems have decided on mandatory vaccinations for students to attend in-person classes or to live on campus.

Digital Academic Toolset

Based on all the uncertainty and all the potential options, one thing does become clear: you need a solid digital academic toolset to support whichever direction your institution is moving towards, and STEM (Science, Technology, Engineering, and Mathematics) will need to be supported.
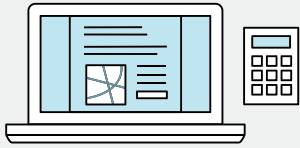
While an institution typically adopts different tools at different times during its online learning journey, these last 18 months have challenged many institutions with how to proceed. DigitalEd is here to help you navigate through the online world of STEM education wherever you are or wherever you may find yourself to be.
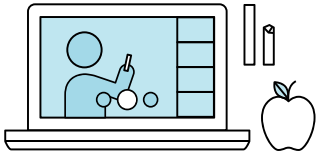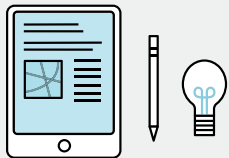
Four Categories of Online STEM Education

There are four categories of online education that institutions may fall under, and often they may shift between them as circumstances change. Still, wherever a school finds itself, Möbius is the best solution for your students.
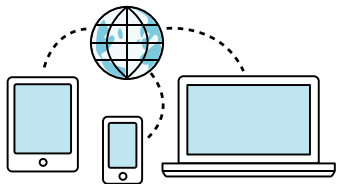
1. Remote Evaluation - *Written assignments online*

2. Blended Learning - *Both an online and a face-to-face classroom presence*

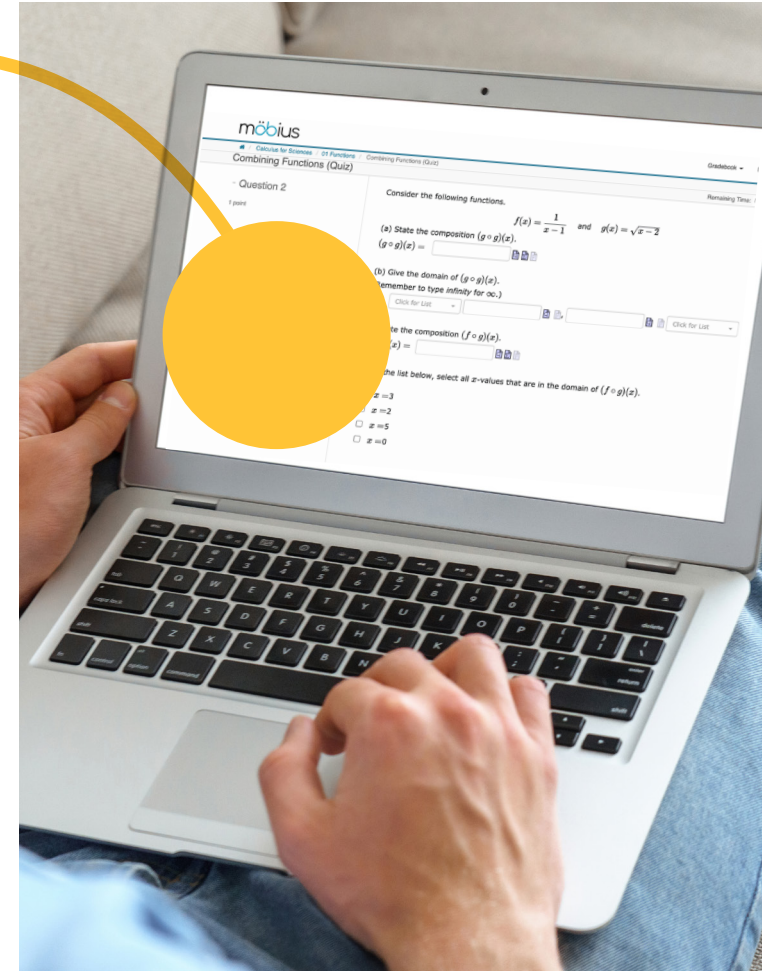**3. Content Consumers** - *Flexibility to modify course content*

4. Online - *Roughly 100% online and thriving*

Remote Evaluation

The first step for many institutions is to move a portion of (or all) **written assessments to be online**, whether it is weekly homework quizzes, placement tests, or exams. In the early stages of the pandemic, many schools had to immediately, without much warning, move to an online digital format.
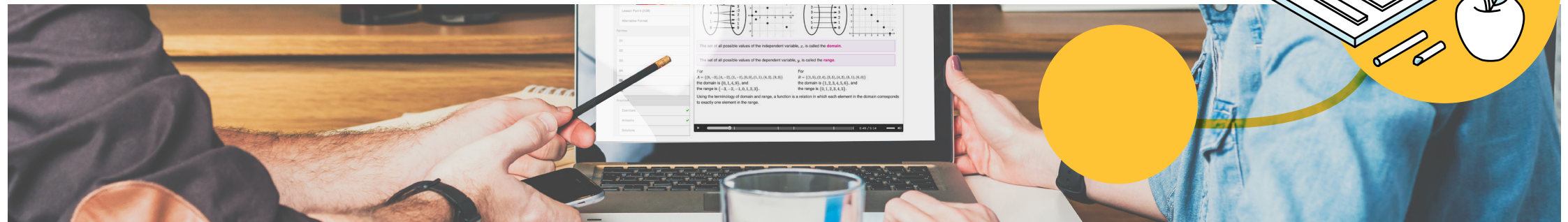
With Möbius by DigitalEd, you do not need to make sacrifices to your assessment options. Whether it is true algorithmic content, secure environments, over 50 different STEM questions types (which are all automatically graded), or open STEM questions with an infinite number of possible responses, **Möbius delivers your online assessments without compromise**.

Blended Learning

Traditionally, blended learning was a single course with some content delivered online and some presented in the classroom. But with many institutions moving towards a hybrid delivery model, where some students may be fully online and others are using a mix of resources, the definition of blended learning is evolving. Regardless of how it is interpreted by an institution, course materials are needed for both online and face-to-face teaching styles.

Möbius enables you to consistently deliver your STEM courses entirely online such that your lectures, lessons, and course notes can be accessed from anywhere by your students. Supplemental materials for further studying and engagement are also available for both the online and in-person student streams. With total coverage of all your assessments, and the ability to analyze all of your students' grades and performance, instructors have the tools to see how every student is progressing and to make informed decisions regarding course delivery.
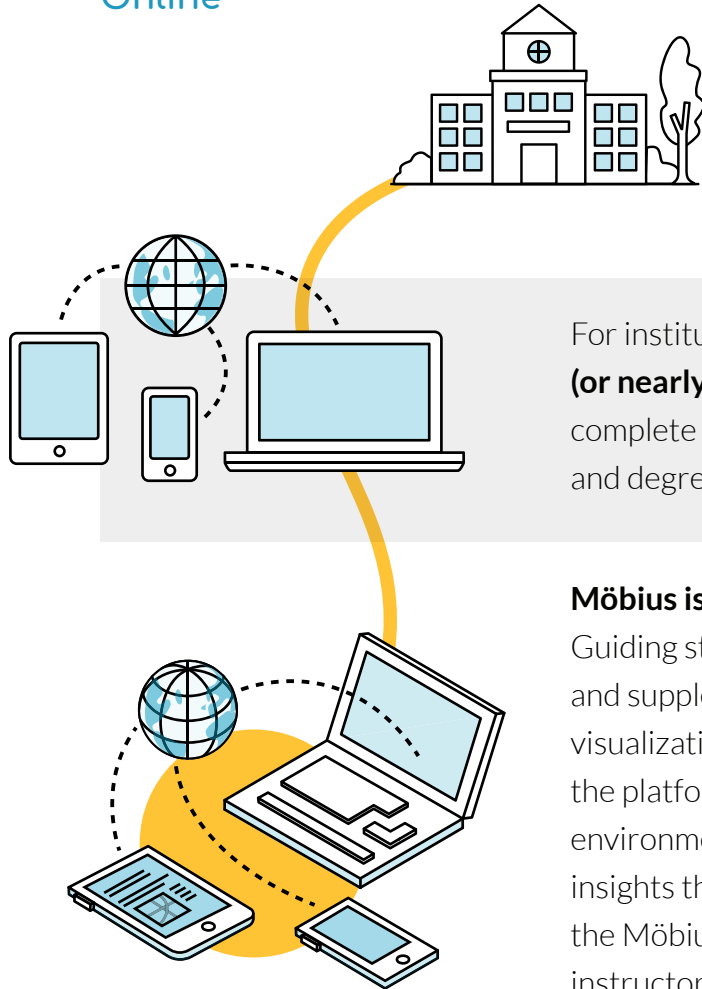
Content Consumers

Institutions know that the quality of content they use is of utmost importance for online teaching and learning. As they explore the opportunity to build their online competencies, and put their courses exclusively online, they realize **they must have the flexibility to modify course content** to meet individual needs.

Möbius Content Packs serve as a jumping-off point for content consumers. Material can be tweaked as required using intuitive content editors, course delivery settings are easily managed with Policy Sets, and adjustments can be made to content at any time within the learning process.

Examples of out-of-the-box Content Packs in Möbius. <u>See the full catalog on DigitalEd's website</u>.

- Calculus I, II, and III
- Precalculus
- Developmental Algebra
- Intermediate Algebra

- College Algebra
- Trigonometry
- Statistics
- Linear Algebra I & II

- Differential Equations
- Physics
- Financial Mathematics
- Classical Algebra

Online

For institutions that are thriving while running **100% (or nearly 100%) online,** their students are able to complete for-credit courses and certificates, diplomas, and degrees from anywhere.

Möbius is built to support full online course delivery. Guiding students at a self-defined pace, with lectures and supplementary materials harnessing the power of visualizations, interactive narratives, and captivating content, the platform keeps student engagement high and creates an environment for successful student outcomes. Data-driven insights through fundamental administrative tools such as the Möbius Gradebook and the Möbius analytics engine give instructors the necessary information to iterate and improve the delivery of online courses continuously.

Wherever your school is in their adoption of online teaching and delivery tools, and regardless of how your institution delivers online courses, Möbius by DigitalEd is a must-have for all educators as you guide your STEM students through their academic journey.

About DigitalEd

DigitalEd is a cloud-based software company offering world-class e-learning solutions for the delivery of digital education. With a belief that continual learning is a key pillar in building successful societies and a deep understanding of digital education, we're helping to transform the way the world learns. Combined with our technical best practices, industry expertise, and partner ecosystem, DigitalEd supports educators to make learning better for everyone.

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