



Whitepaper

# Evaluation in education



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# 1. Introduction

Assessment is one of the central aspects of the learning experience. A good assessment and feedback can successfully determine the course of students' development and progress. An inaccurate one, on the other hand, may create blocks to learning that are difficult to overcome. Thanks to pedagogic advances over the last decades, the links between learning, assessment, and feedback are now better understood and accounted for.

Apart from students, teachers and practitioners are also deeply concerned with the process of assessment. Not only does it constitute a significant part of their workload, but it also mirrors their specific approach to teaching. It reflects each teacher's understanding of how to best impart knowledge and to verify that this goal has been achieved.

The introduction and greater availability of technologies has impacted how education and assessment is conducted. From reduced testing times and costs to individualized tests, automated feedback and scoring, digitalization has created a revolution in educational institutions.

And, within the context of greater inclusion and accessibility, technology has also created significant improvements for students that have had difficulties within more traditional forms of teaching. Moreover, as social circumstances sometimes limit our ability to travel or attend in person, technology has also made education possible where it would previously have been impeded due to distance or time zones.

This creates the need for learning institutions to consider the benefits of online assessment platforms that allow them to offer high-quality education, while also meeting organizational objectives. The goal of this whitepaper is to demonstrate how an online learning assessment platform such as Pedagoo can serve both of these purposes.

This whitepaper describes the measurable benefits of such platforms and how their various features can address the specific needs of both teachers and students. It also details how Pedagoo's tools address the tasks and issues surrounding assessment and practice tests. Finally, it shows how such a platform can transform your institution and help it move forward and improve both teachers' and students' experiences.

If you are considering implementing an online learning assessment platform, then here is how Pedagoo can help!



## 2. The benefits of online learning assessment platforms

Technology has had a great impact on how we understand and conduct assessments. Over the years, various educational institutions and academics have conducted studies to establish what the effects and possible benefits of such technology-enhanced practice and assessment tests are.

For example, the [Effective Assessment in a Digital Age](#) guide by the UK's non-profit JISC offers great insight into how technology-enhanced assessment has developed over the years, and what benefits it offers. The [New Testing Landscape](#) report by solution-oriented think tank [FutureEd](#) at Georgetown University is another valuable report that tracks and analyzes the impact of technology in classrooms across the US.

These are only two instances of the many [different observations and studies](#) that have been conducted on this topic. They all point to similar benefits for students, as well as teachers and institutions.

### Benefits for teachers and institutions

While online assessment platforms are often primarily evaluated based on whether they are useful to students, they actually offer quite a few important benefits to educators and institutions as well. For teachers and institutions, an online assessment platform:

- \* **Reduces the time and effort teachers spend marking assessments and increases the time they can devote to improving the curriculum or working with students**
- \* **Reduces assessment costs for institutions**
- \* Allows for more variety in the design of assessments
- \* Offers more choice when and how to conduct assessments
- \* Raises efficiency in the submission, evaluation, marking, feedback, and storage processes involved in an assessment
- \* Improves analysis of test results, with minimal effort on behalf of educators, allowing them to identify areas where teaching may need to be adapted
- \* Provides more accurate and immediate feedback to educators regarding the choice, design, and delivery of the curriculum
- \* Helps teachers spot trends and patterns within a class and address them in due time
- \* Serves as a diagnostic tool to identify students who may benefit from greater direction and support
- \* Increases assessment security and helps reduce cheating thanks to proctoring features





## Benefits for students

Students derive many significant benefits from having the opportunity to take assessments online. For students, an online assessment platform:

- \* Increases opportunities to take actions based on feedback
- \* Improves student motivation and performance
- \* Captures a wider array of skills that are usually not accounted for by traditional means of assessment
- \* Increases access for students located far away and students with specific learning needs
- \* Provides immediate feedback tailored to the specific needs of each student
- \* Provides greater freedom in how and when to take an assessment
- \* Offers accurate assessment results but also allows for manual input and suggestions by teachers about where to look for more information or how to approach a certain problem
- \* Allows students to perform practice tests in preparation for an assessment

To achieve all these aims, formative assessment tools such as Pedagoo offer a variety of features. Depending on your preferences, they allow you to entirely or partially digitalize and streamline your assessments. They also provide you with in-depth data at a glance, as well as highlights and suggestions about how to proceed.

Want to know more? Here is what Pedagoo is and what features and benefits it can offer you and your students!

### 3. The power of Pedagoo

Pedagoo is a formative assessment platform designed to assist education centers to train and evaluate their students effectively and with ease. The platform combines a number of different tools that work together to achieve these aims.

The result is that educational institutions can offer personalized education and evaluation. They can support students to advance steadily while addressing their specific difficulties and deficiencies in understanding. This leads to significant increases in a student's ability to retain and understand information, and in seeing how it can be applied practically and meaningfully.

**How does Pedagoo do that? Here are some of its main features:**

#### From paper to digital

Pedagoo is perfectly suited to assist educational institutions in their digital transformation, whether to an entirely virtual or a partial, hybrid form.

For one, moving from paper to digital will allow you to reduce the enormous amounts of paper waste generated yearly in educational institutions. But what's more, **it will dramatically decrease the time that teachers spend on marking assignments and providing feedback.**

With Pedagoo, teachers can create their own assessments and determine how they want to evaluate student progress. Once students are given a test, the platform evaluates the results and makes them available shortly after the test has been completed.

This will allow you to focus more on student progress and less on administrative tasks. It will also enable you to devote more time on creatively developing your curriculum or in dialogue with your students.

And if you already have some kind of technological solution in place, Pedagoo can adapt to your current solution and integrate it into its own capabilities and tools.



## Track and analyze student progress

Pedagoo's suite of tools helps you monitor student development in an extremely transparent and intuitive way. You can track the results of individual students or get a picture of how a whole group is progressing.

Thanks to our analytic tools, you can also make comparisons between different students or groups to establish the types of support and guidance that they need. This ensures that teaching and feedback match performance and results. It also **helps reinforce those objectives on which students need to be focused.**



## Monitor individual student performance

Our platform provides you with in-depth information about the amount of time that each student spends on their tasks.

You can track how much time a student spends on scheduled practices that are meant to develop their understanding and prepare them for assessments, or how they are working on their assignments and current study goals.

Monitoring individual student performance helps highlight any areas of knowledge that they are lacking in, allowing you to provide individualized and targeted feedback. This improves a student's learning experience and **increases engagement and motivation.**

## Standardize assessments across your organization

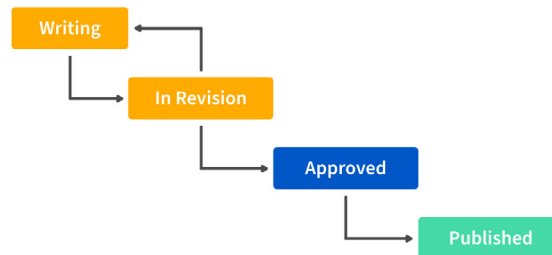
Pedagoo can also help highlight the bigger picture of student progress between different educational centers, subjects, or between different teaching styles.

By analyzing passing ratio and performance, you can see which aspects of educational context empower students to achieve the best results. You can then replicate your findings in other areas of your institution to ensure improvements across the board.



## Build different assessment workflows

Standardizing assessments does not mean that everything will be the same. Our platform allows you to **customize workflows** depending on the needs of a specific subject or teacher.



You can order the process of creating assessments through a variety of review filters and steps and define which users are responsible for the creation of assessment or practice material.

These are some of the main features of Pedagoo and how they can benefit you. In summary, our platform allows institutions to create online assessments and distribute them among their students as well as to **analyze test results automatically and highlight areas requiring attention**. It also enables educators to monitor and follow student progress, and ultimately to examine and validate knowledge in a reliable way.

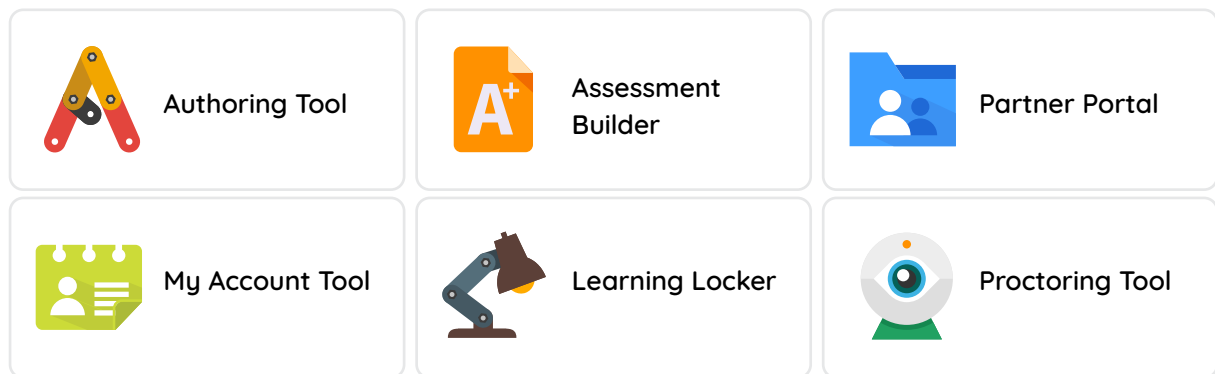
**So what tools does Pedagoo use to achieve these aims? Keep reading to find out!**



## 4. How Pedagoo can transform your educational institution

To live up to its promises, Pedagoo uses a series of tools that serve the purpose of creating and scoring assessments, tracking and analysing progress, generating reports, and deriving insights that inform decision making.

These tools are:

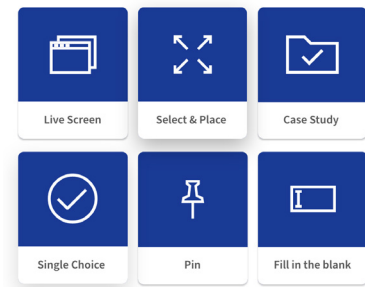


Each of these tools serves a particular purpose, while at the same time being interconnected with other other ones. Here is what each of them will allow you to do within the context of delivering formative assessments to your students.

## Authoring Tool

Our Authoring Tool is the instrument for you to create, manage, and store practice and assessments tests for students. No technical knowledge is required, since the interface is intuitive and the creation process is broken down into simple and self-explanatory steps.

**Here is what the Authoring Tool will allow you to do:**



### Design your own questions

Shape and formulate your questions any way you like. The tool is specifically designed to allow you to get creative with how you would like to conduct tests. You can also add media files to make your students' experience richer and more meaningful.

### Choose from a list of question types

We've prepared a total of 14 different question types that you can use to design your practice or assessment tests - from more traditional ones, such as single choice questions, to questions that make use of video technology.

### Classify questions according to teaching objectives and difficulty level

Organize your questions according to course objectives and difficulty. This allows you to establish the level of readiness and understanding of your students as well as to detect areas in which they require support and guidance.

### Customize your workflows

Pedagoo will not force you to change your methods of working. Instead, the Authoring Tool will adapt to your preferences and allow you to define a workflow that reflects the creative and administrative processes in your institution. I.e. it will adapt to your standard method of creating and approving assessments or practice tests. It also allows you to define the individual roles involved in each step of the creation of a test.

### Create, organize, and publish your tests

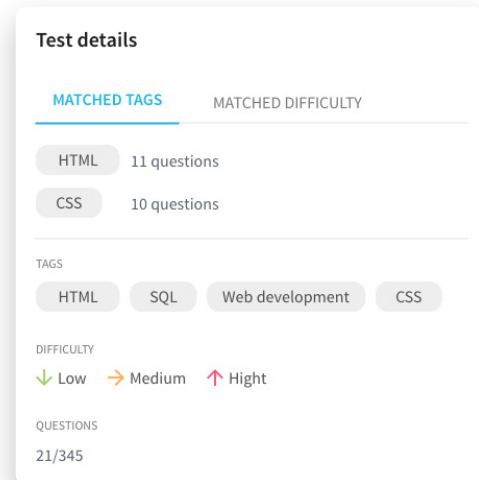
With the Authoring Tool, you can organize your tests according to various criteria. You can also create filters or search parameters to help you stay on track of your content production.

Ready to distribute your test? A single click will publish it for distribution.

## Assessment Builder

Our Assessment Builder tool is designed to help you create a whole assessment on any subject within minutes. Do you offer IT-related subjects? With the Assessment Builder, you can also make use of questions from the MeasureUp® Catalog, a leading source for IT assessments and practice test questions.

**Here are the Assessment Builder's main features:**



### Create assessments any way you like

The Assessment Builder's database allows you to pull questions from any field of study regardless of their difficulty level or how they are categorized and labeled and include them in your custom test.

### Add variety to your tests with MeasureUp® content

Get inspiration and introduce variety to your assessments by making use of over 23,000 IT pro questions from the MeasureUp® Catalog.

### Individualize assessments

You can shape tests according to your goals. Do you want to validate your students' knowledge or to establish where they need more help? Customize your tests by making use of all published tests and questions so as to achieve your specific goals.

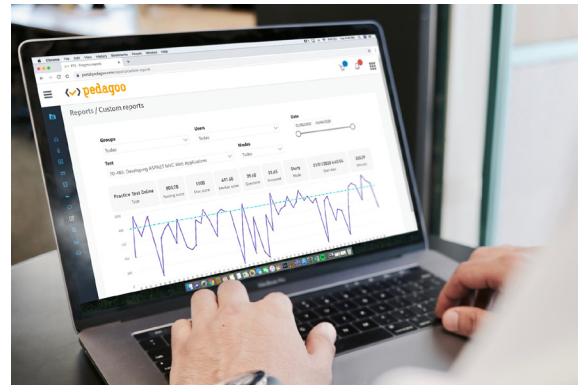
### Analyze your tests and get an overview

Thanks to the preview option, you can have a final look at your tests and their results before publishing them. Do you want to determine if your test is well balanced? If so, generate a report to analyze the types of questions and determine whether your test needs improvement.



## Partner Portal

With the Pedagoo Partner Portal you can manage and distribute all your content throughout your network. It also allows you to create user groups, for example for the different departments in your educational institution, generate reports about how content is being used or how many tests have been created, and much more.



### Create groups and manage users

Organize user groups according to your institution's requirements and needs. Groups can be made of students, departmental co-workers, or other users that you wish to bring together.

### Assign licenses and manage them

Assign licenses within your distribution network to allow other parties to manage themselves. Such licenses include a hub license, reseller, end customer, among others.

### Make content available

Once a test has been created and published, you can make it available to the whole network and allow others to make use of it as well.

### API integration available

All of Pedagoo's tools can be made available through an API with single secure access (SSL/TLS). Upgrade your system and harness the power of Pedagoo's tools and capabilities.

### Generate reports and get in-depth insight

With our Partner Portal you can generate a variety of reports to better understand the effectiveness of your content and track administrative operations and processes.



Create new role

Name

Custom Role

Description

Insert a description for the role

Permissions

Create Questions

Edit Questions

Delete Questions

Reset Questions

Create Simulation Questions

Recover Questions

New user

Username \*

Type username

Email \*

Type email

Name \*

Type name

Last Name \*

Type last name

IMPORT USERS

Organizations & Roles

Student

CANCEL

SAVE CHANGES

## My Account Tool

The My Account tool enables you to customize your whole assessment system and structure and to expand it over time. Use it to add, remove, or modify the status of users and to build a structure that mirrors your organization and serves its goals.

**Here is what the My Account tool will allow you to do:**

### Organize and manage your distribution network

Transfer the structure of your educational facilities and teams to My Account and use this to distribute your content with the entire network. This allows you to scale your activities from a single center or facility to a whole network of schools, while also introducing individual settings for every entity.

### Add or modify users with ease

Thanks to the user account validation system, as an administrator you can register large numbers of users in batches. The system will notify them by email to activate their account in the system and get started.

### Create and assign roles

Use the predefined roles that Pedagoo offers or create your own set of roles. Assign permissions with different functionalities to each role to make them fit your own workflows and requirements.

### Manage your account

Use the tool to manage your personal information and user profile and to configure how your practice tests and assessments are delivered.



## Learning Locker

Then there is the Learning Locker, the environment within which students can take their practice tests and assessments that have been created and distributed through Pedagoo.

**Here is what the Learning Locker will enable you and your students to do:**

### Set up tests according to their purpose

The Learning Locker allows you to configure tests according to the needs of students and the purpose of the test. You can further order a test's question, include questions from past tests, as well as tailor the test to target only particular skill groups.

### Let students take simulated exams

The Learning Locker offers an environment in which students can take either practice tests or simulate real tests in Exam Mode. This mode lets them take a test that matches the content and difficulty of an actual exam in order to determine how prepared they really are.

### Progress reports at every step

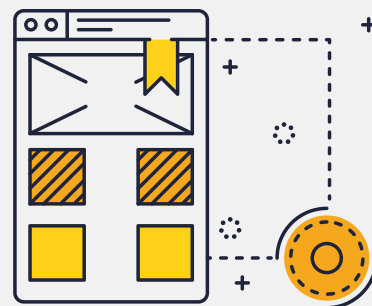
Each test will generate a report that details the correct and wrong responses that a student gave to their test. This allows students to track their progress over time and determine what they need to work on further.

### Personalized assessments

Assessments can be distributed directly through the Assessment Builder tool. On top of that, students who have been given a practice test can create their own personalized assessments based on the practice test questions you have assigned. This allows them to test themselves based on the material that they need to prepare for the most.

### Connect easily with other tools

Through the Learning Locker you can easily connect Pedagoo with all kinds of other tools that will improve and enrich your learning and assessment process. This includes learning management systems (LMS), internal management tools, and a variety of other third-party tools.



## Proctoring Tool

Finally, our Proctoring Tool will allow you to guarantee that students are properly identified and perform assessments in a transparent way.

**Here is what the Proctoring Tool has to offer you:**

### Use facial detection to identify students

We use advanced machine learning and facial detection technology to deliver accurate, reliable exam proctoring that outperforms human proctors. Moreover, by automating proctoring, we also ensure a higher level of learning integrity by removing bias and human error.

### Customize your test environment

Thanks to the many different settings the platform has, test environments which can be customized to fit the specific assessments needs of instructors and administrators. This creates greater assessment transparency and exam score reliability.

### Limitlessly scalable and adaptive

The automated proctoring platform can be scaled without limits and easily integrated with any learning management system that you are already using. It is always available, without appointments or scheduling, with no additional sign-in or waiting. The platform can be used by institutions of any size for any exam, test, or quiz.

### Automated and live proctoring

With automated proctoring, all data analytics and suspicious behavior are captured during the assessment. Once an exam is submitted, an integrity report is immediately generated and available for review. If needed, live proctoring can be used at any moment of an exam, without scheduling, and allows for full recording and reporting on demand.

**The above is a snapshot of the main features and tools that Pedagoo offers to students, teachers, and their educational institutions. Depending on your requirements and needs, Pedagoo can adapt to fit the processes and systems you already have in place.**

It allows you to digitalize your assessments to the extent that is suitable for you. Improving your assessments leads to changes and improvements in the teaching process, and this leads to observable and measurable improvements in a student's learning and performance.



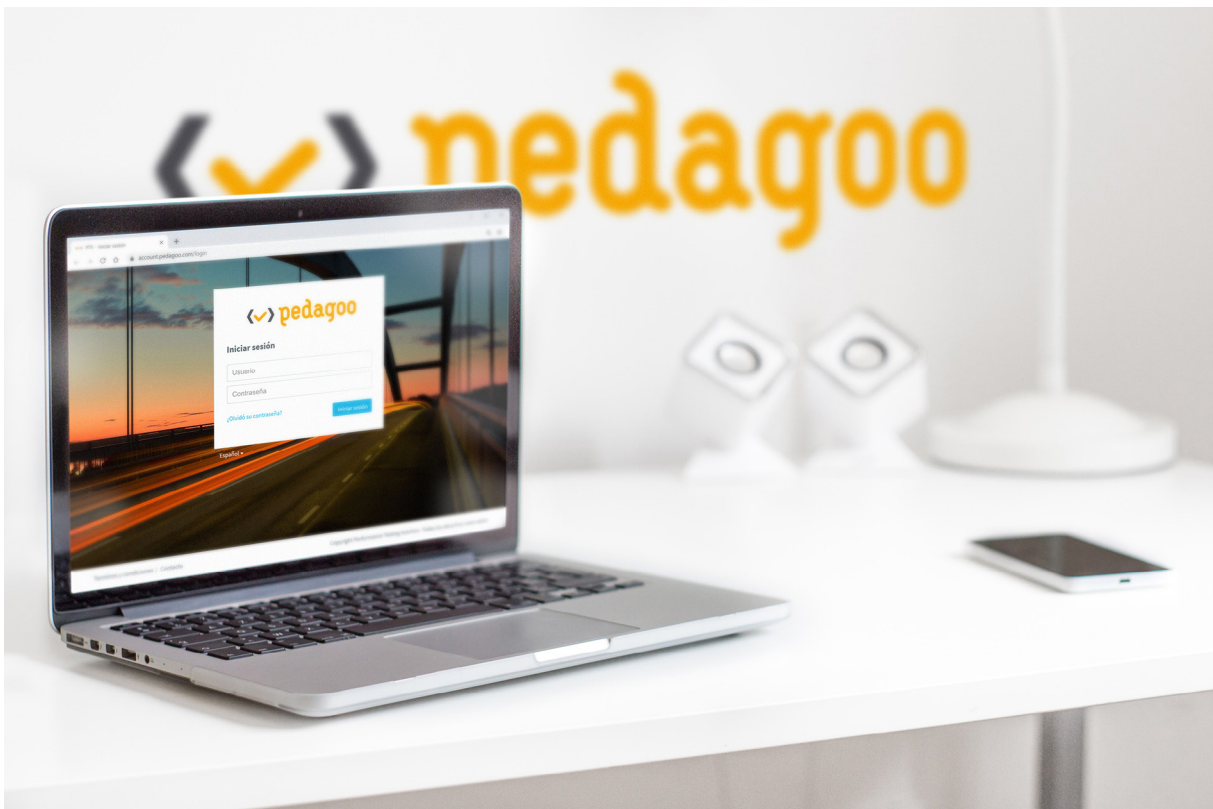
## 5. Conclusion

Pedagoo's main purpose is to provide a solution that will improve the teaching and assessment process by reducing the time and effort typically spent on routine and repetitive tasks.

Along with automating such tasks, the Pedagoo platform also offers a suite of tools that enables educators to focus more on designing an environment that actively encourages students to improve.

Thanks to measurable results and detailed analytics, all of this can be tracked to ensure that both teachers and educational institutions are meeting their goals and offering high-quality education.

Are you interested in trying Pedagoo for your facility? [Schedule a demo with our team](#) to learn more about how Pedagoo works and what we can do for you!







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