



The most versatile white-label LMS Platform & eContent Distribution System



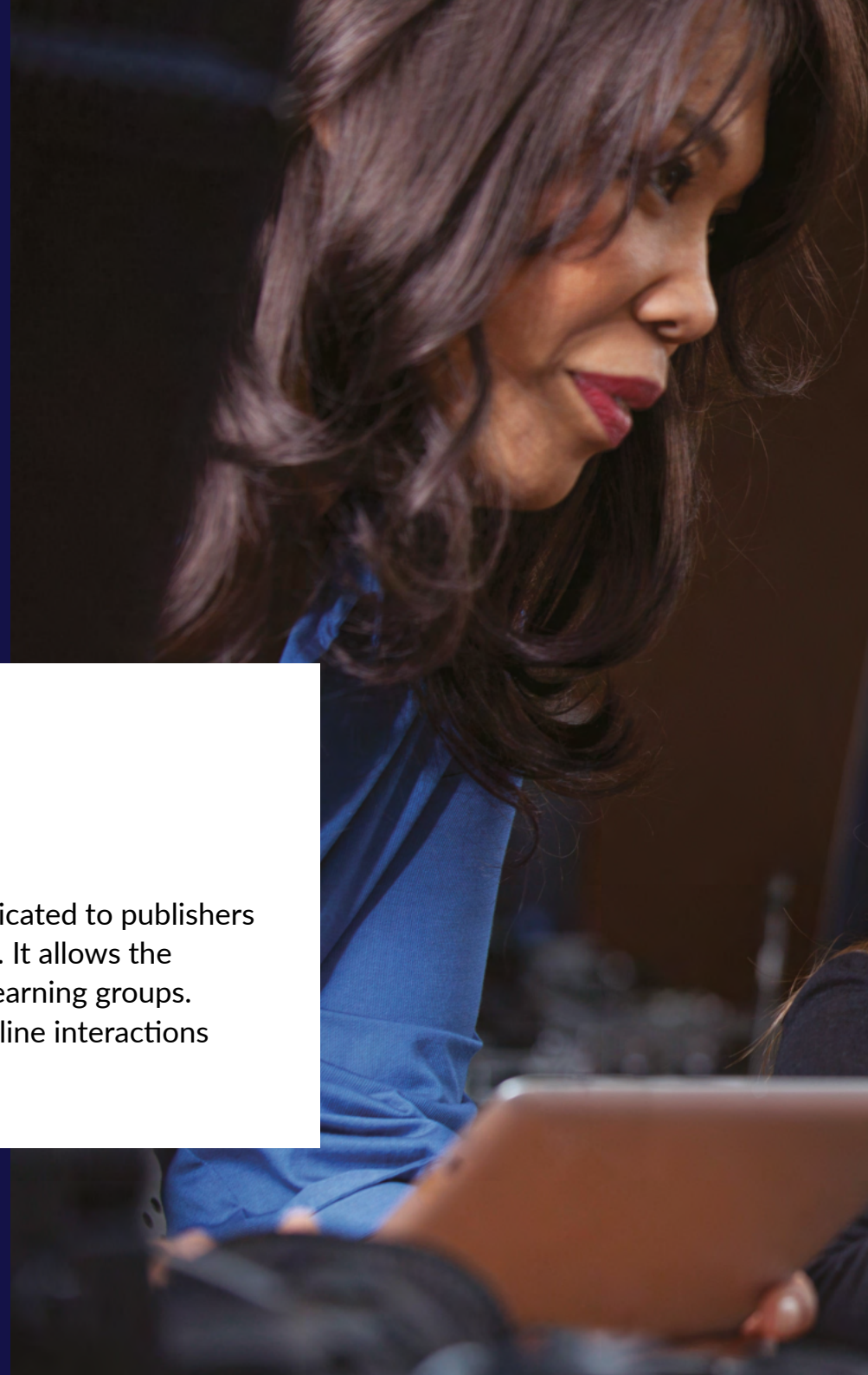


Learnetic
Everyone learns differently



Adaptive Learning Platform

mCourser is a comprehensive eLearning Platform (LMS) dedicated to publishers delivering highly interactive educational eContent packages. It allows the recreation of the virtual structures of schools, classes, and learning groups. It effectively supports educational processes and various online interactions between teachers and students, as well as their parents.





mCourser collects **vast amounts of data** on thousands of students who solve interactive exercises, play educational games, and complete tasks assigned by their teachers on a daily basis.

Main Features

ADAPTIVE LEARNING

An easy-to-use editor facilitating adaptive algorithms creation and interdependence between alternative learning paths. The highly adaptive educational materials adjust to actual learners' abilities.

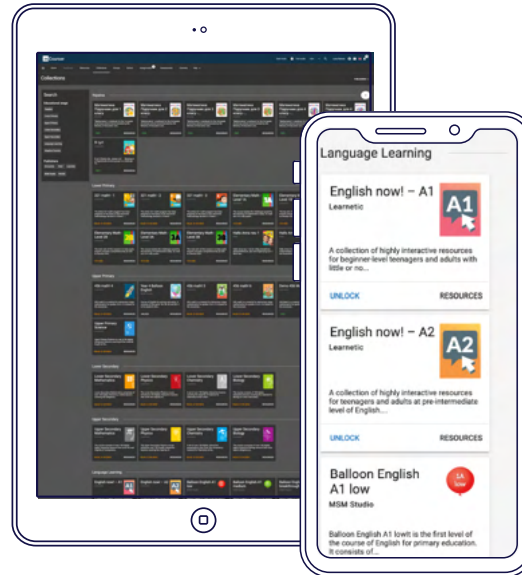
REPORTS

A broad variety of reporting options, which clearly present students' scores, time spent working with eContent, number of errors, help button clicks and others.

BIG DATA

All data collected by mCourser is stored in Google BigQuery designed to help you turn data into valuable business insights.

As a publisher, you can observe the stats concerning the number of users accessing your content packages as well as precisely analyze how the students and teachers interact with your content.



VIRTUAL CLASSROOM

This functionality supports audio-video communication between teachers and students.

It gives them advanced tools for real-time online classes like an interactive whiteboard, presentation tool, breakout rooms, and polls.

Instant reports inform teachers about the students' results.

VR / METAVERSE

Virtual School is a new mCourser feature that allows its users to move freely around the school mapped in virtual reality. It consists of the following elements: main lobby, private space, school lobby, groups, classrooms for joint and individual work.

WCAG

Learnetic strives to provide equal access for all learners. To support dyslexic readers an inbuilt dark theme option is provided to increase contrast. mCourser has an integrated font size feature.

TEST GENERATOR

A comprehensive assessment tool with a compact and easy-to-use interface. It allows for assigning ready-made tests or creating new ones based on the teacher's own questions, implementing one of the seven most commonly used types of activities. Tests can be in digital and printable form.

FORMATIVE ASSESSMENT

mCourser records every student's work results during entire schooling phase. This makes it possible to carry out precise, formative assessments of individual students and respond correctly to their needs.

OPEN ARCHITECTURE

The mCourser API allows to connect to third-party solutions and technologies that extend the scope of its capabilities to even better match it to the needs of users.

MOBILE READY

Accessibility from various stationary and mobile devices with different screen resolution gives an option to conduct lessons wherever it is needed - stationary or remotely (on a whiteboard, laptop, tablet or even on a mobile phone).

ASSIGNMENTS

Intuitive assignment functionality with complete reporting and monitoring capabilities, including both individual and group assignment types.

SAAS MODEL

No installation or local hosting required – mCourser is a fully cloud-based solution delivered through a Software-as-a-Service model.

OS AGNOSTIC

mCourser runs seamlessly on Windows, macOS, and Linux operating systems, as well as on iOS and Android environments.

USER FRIENDLY

An intuitive and transparently designed interface based on industry-standard UX practices makes it perfect, even for those who are less tech-savvy users.

ONLINE & OFFLINE

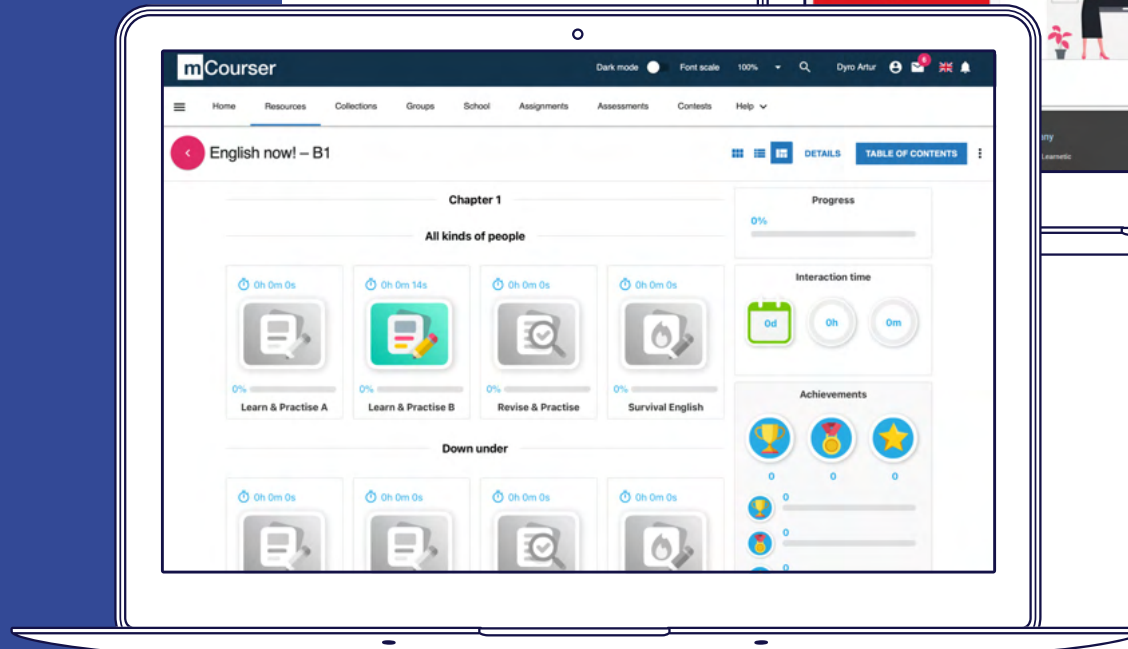
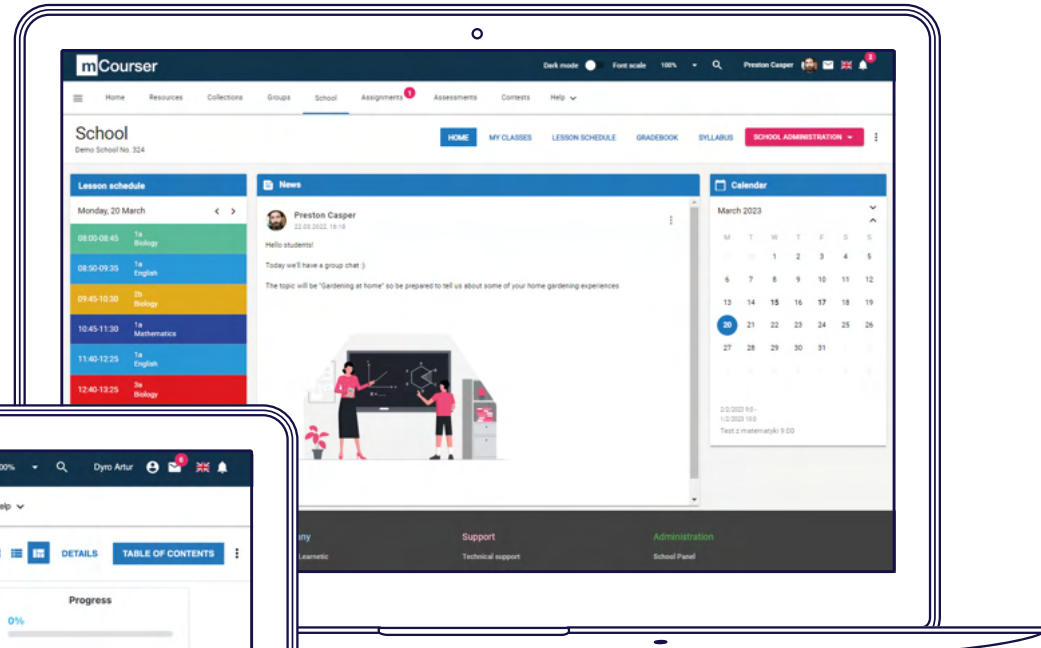
All results are synced, stored and managed online on the mCourser platform with a support of dedicated offline mLibro app with which users can continue their work in off the grid locations.

CONTINUOUS DEVELOPMENT

mCourser is regularly updated with extra features and stability updates to make it stand at the leading-edge of eLearning technologies.

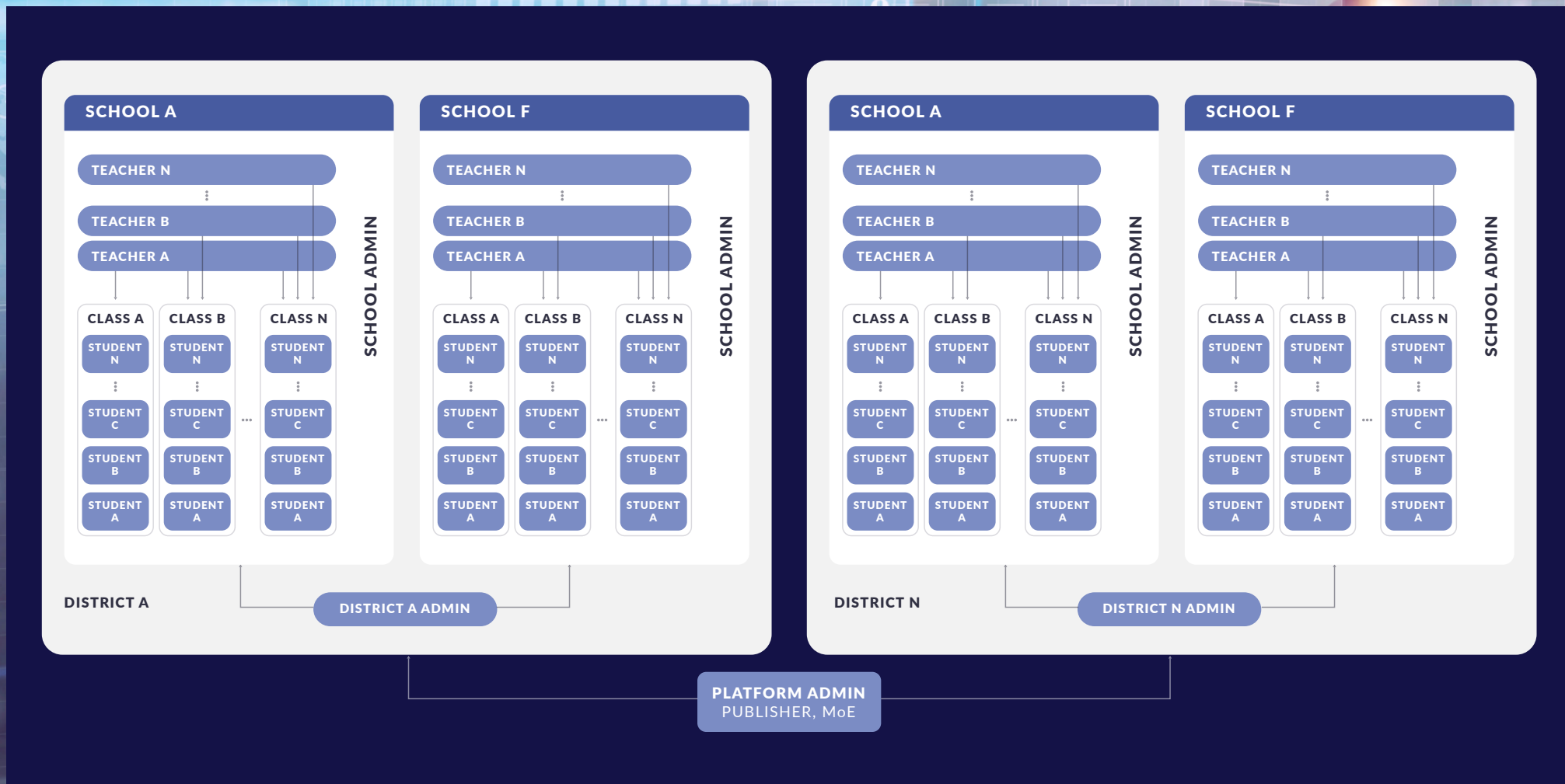


Connecting the Connected Generation



Virtual Structure of a School System

Unlike many other LMS platforms, mCourser is capable of **virtually reflecting a structure of a school system** in a particular region or country. From a central platform administrator (e.g. an educational publisher or a Ministry of Education) through districts, schools and classes to a single interaction between a teacher and a student.





Roles within the Virtual School's Structure

Along with the replication of a regular school system in a virtual environment, mCourser supports different roles taking active part in digital teaching and learning processes.

From a single student, through a teacher and a school admin to the entire platform administrator, each user has a specific set of tools and access rights. All available data and functions enable them to fully utilize the capabilities of a modern, digital educational platform.



STUDENT

It is a basic and the most important role in the system. Students can be organized in groups and classes and can have access to a number of courses assigned to them by teachers or unlocked directly from an e-shop available in the platform.

TEACHER

Teachers registered in the platform have a number of possibilities to assign tasks, organize projects and arrange tests for their students. As they have full access to students' activities, they can monitor their progress and address the areas that require some extra explanation or additional practice to truly personalize students' learning paths.

SCHOOLADMIN

School admins are responsible for creating a virtual representation of their school. They can link teachers with their students, assign access to learning materials to them, and manage the grade book. School admins can also monitor and generate various reports of students' and teachers' activity.

DISTRICT ADMIN

Schools are usually supervised by local educational organisations or school districts who want to know more general information regarding the schools' activity and their average or aggregated results.



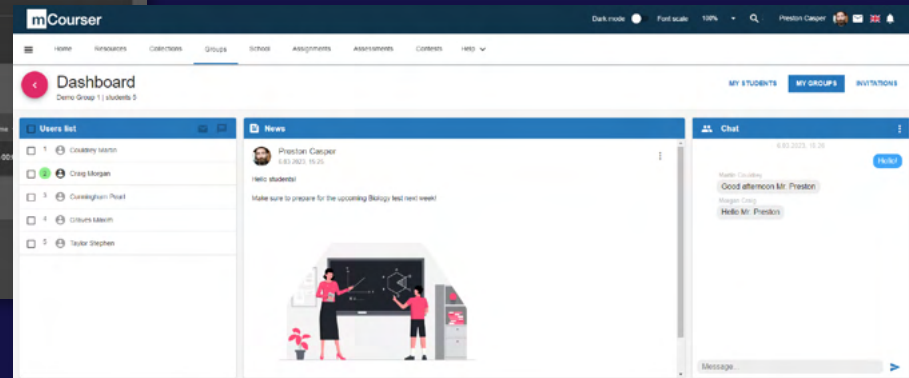
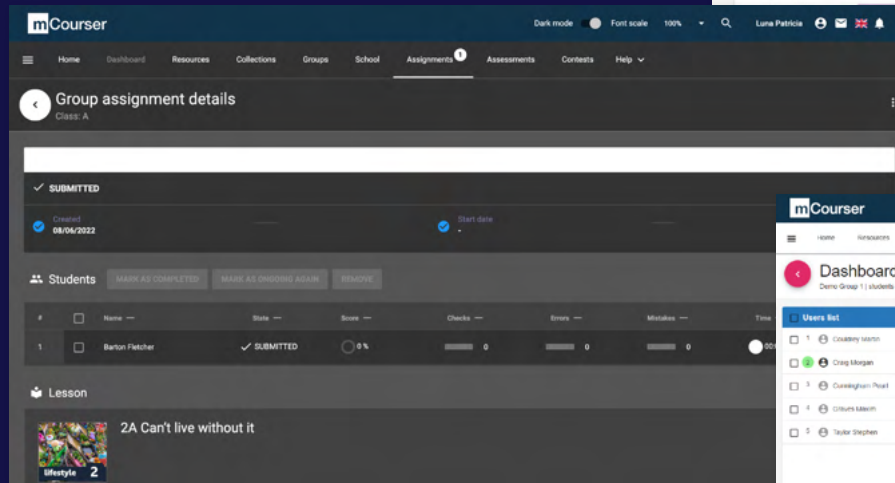
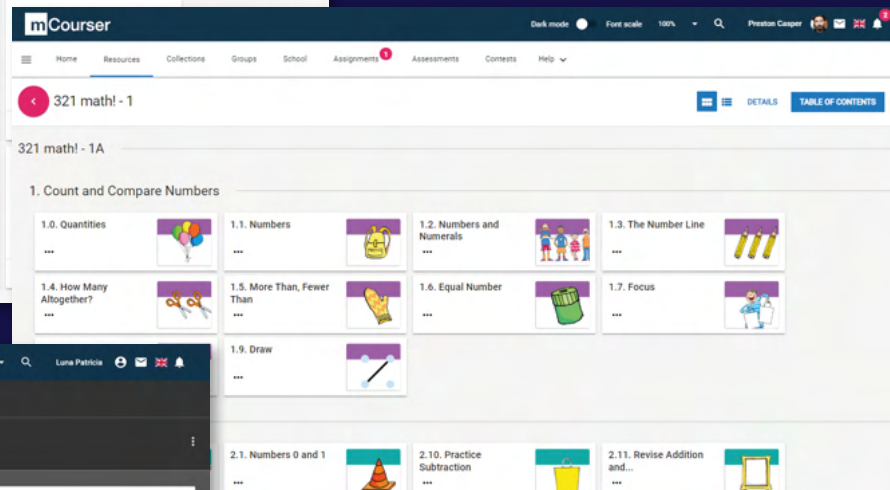
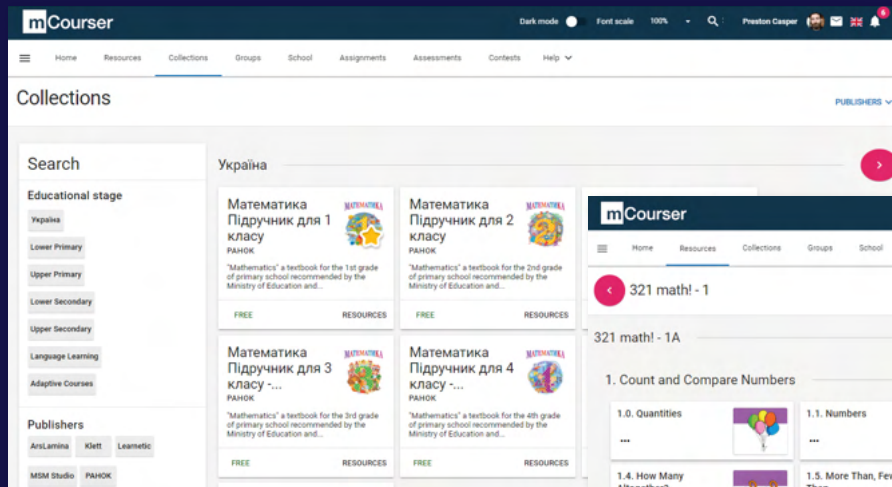


PLATFORM ADMIN

The head of the whole platform is in charge of enabling the LMS's features available to every user, setting up and managing the whole school system on the platform, assigning access rights and roles.

PUBLISHER ADMIN

An user who is responsible for the presence and distribution of real-life equivalent publisher's content on the platform. Publishers can generate access codes for their content, update materials developed in mAuthor creator and generate reports on user activity and course popularity.





#	Select	Assignment name	State	Components	Students	Created	Submitted	Score	Actions
1	<input type="checkbox"/>	Assignment 1	Not started		Grupa 2	06.03.2023 15:34	13.03.2023 15:34	0	DETAILS
2	<input type="checkbox"/>	Assignment 2	Not started		Grupa 2	06.03.2023 13:18	13.03.2023 09:43	0	DETAILS
3	<input type="checkbox"/>	Assignment 3	Not started		Grupa 2	06.03.2023 13:11	31.03.2023 13:12	0	DETAILS
4	<input type="checkbox"/>	Assignment 4	Ongoing		Grupa 2	06.03.2023 11:39	13.03.2023 11:37	100	DETAILS
5	<input type="checkbox"/>	Assignment 5	Not started		Grupa 2	06.03.2023 11:35	13.03.2023 11:34	0	DETAILS
6	<input type="checkbox"/>	Assignment 6	Ongoing		Grupa 2	06.03.2023 09:44	13.03.2023 09:43	100	DETAILS
7	<input type="checkbox"/>	Assignment 7	Ongoing		Grupa 2	05.03.2023 15:29	12.03.2023 15:28	100	DETAILS

Assignments

Assignments allow teachers to create tasks or homework exercises either for individual students or for a whole class. Extensive reports allow teachers to assess **the entire class's performance** in a glimpse of an eye. Also, instant access to the smallest details of every activity enables them to implement individual approach to the specific needs of a particular student.

Quotative Division practice

There is no description

✓ Assignment state

● ONGOING

📅 Dates

✓ Created

09-01-2020

✓ Start date

09-01-2020

✓ Due Date

31-01-2020

★ Results

73%

Submitted 7/10

👤 Students

MARK AS COMPLETED

MARK AS ONGOING AGAIN

REMOVE

1	<input type="checkbox"/>	Belinda Cunningham	● ONGOING	🟡 63 %	🟢 2	🟡 2	🟢 2	🕒 00:02:58	DETAILS
2	<input type="checkbox"/>	Naomi Cole	⌚ NOT STARTED	🟡 -	-	-	-	00:00:00	DETAILS
3	<input type="checkbox"/>	Kevin Cole	⌚ NOT STARTED	🟡 -	-	-	-	00:00:00	DETAILS
4	<input type="checkbox"/>	Audrey Stevens	✓ SUBMITTED	🟡 59 %	🟢 1	🟡 15	🔴 12	🕒 00:01:32	DETAILS
5	<input type="checkbox"/>	Fiona Thompson	✓ SUBMITTED	🟢 77 %	🟡 5	🔴 22	🔴 21	🕒 00:03:06	DETAILS
6	<input type="checkbox"/>	Michael Foster	✓ SUBMITTED	🟡 56 %	🟢 1	🟡 17	🟢 2	🕒 00:01:56	DETAILS
7	<input type="checkbox"/>	Charlotte Martin	✓ SUBMITTED	🟢 96 %	🔴 13	🟢 2	🟡 11	🕒 00:17:48	DETAILS
8	<input type="checkbox"/>	Brooke Owens	✓ SUBMITTED	🟢 84 %	🟢 1	🟡 16	🟡 9	🕒 00:02:49	DETAILS
9	<input type="checkbox"/>	Michelle Cameron	✓ SUBMITTED	🟡 70 %	🔴 11	🔴 40	🔴 27	🕒 00:04:34	DETAILS
10	<input type="checkbox"/>	Abraham Gray	✓ SUBMITTED	🟡 67 %	🟡 6	🟢 4	🟢 5	🕒 00:03:47	DETAILS

👤 Lesson

3.5. Quotative Division

📅

📅

📅

📅

Title	Score	Checks	Errors	Mistakes	Time
Total score	🟡 73 %	5	17	12	00:05:04
Activities					
Page 1	🟢 100 %	0	0	0	00:00:31
Page 2	🟢 77 %	0	5	4	00:00:47
Page 4	🟢 85 %	1	0	1	00:00:18



Contests

The Contests functionality makes it possible to globally organize **contests, tests or even exams**. In this mode, students are given an exact time slot to perform a test based on variety of materials, including mCourser content packages, resources created by the teacher or any SCORM compliant package imported into the mCourser platform.

A photograph of two young women sitting at a desk in a library, looking at a laptop screen. The woman on the left is wearing a beige sweater and a dark blue scarf, with her hair in a bun. The woman on the right is wearing a denim jacket over a grey hoodie and is smiling broadly. A dark blue rectangular box is overlaid on the right side of the image, containing the word 'Collaboration' in large white letters and a paragraph of text below it.

Collaboration

The mCourser platform is equipped with a number of functions that facilitate group work, common projects and general students' collaboration. The school admin can determine which collaboration units are available for students.

News

This module enables teachers or school admins to announce important messages and simply present interesting information relevant to the school community. It can also be used as a regular newsletter prepared and edited by authorized users.





Portfolio

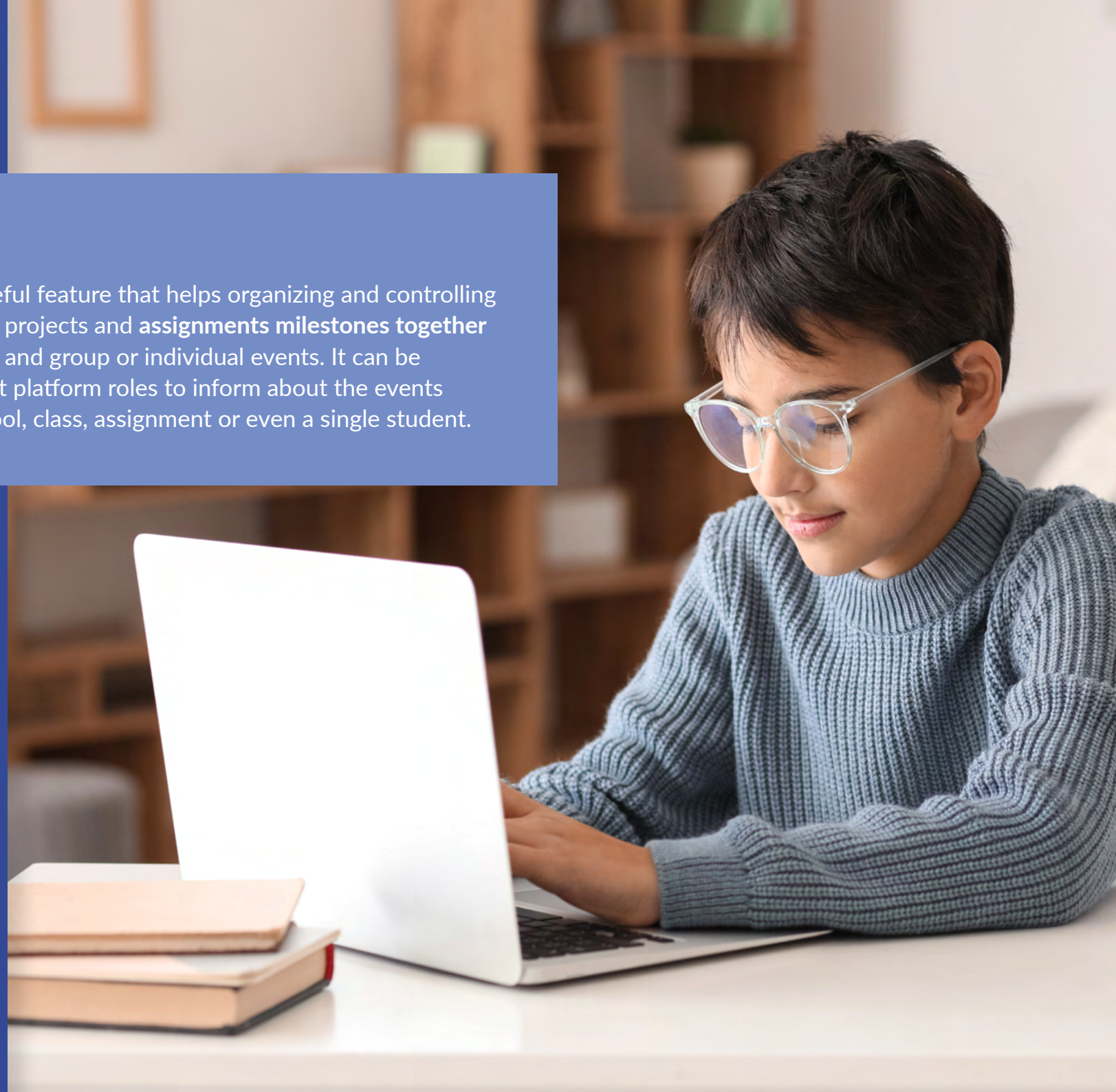
Teachers and students can make their own repository of files documenting their work. mCourser allows them to upload various resources and link them with content available on the platform to create **a complete archive of class projects or group assignments**. Teachers have full access to the student's portfolio and they are able to download its content or add more files to it.

Chats

The Chat module enables all users registered within a platform to communicate in a real-time mode. The chat recognizes who is currently logged into the mCourser platform and enables users to initiate instant conversation or even **a group discussion**. It can be used to organize "Teacher on Duty" service available to the students who need extra support.

Calendar

The calendar is a useful feature that helps organizing and controlling the actual workload, projects and **assignments milestones together with their due dates** and group or individual events. It can be accessed by different platform roles to inform about the events relevant for the school, class, assignment or even a single student.



My students

MY STUDENTS MY CLASSES MY SCHOOL

Student: Student sTKRASS1002 X Select Report Type: COURSES Select course: Roadmap A1 - Onlin... X Select criteria: TOC APPLY

Title	Result	Grade	Average progress	Completion	Total time	Attempts	Errors	Mistakes	Actions
Unit 1	20		33%	15 / 35	02:14:09	36	24	50	
1A Hello - Online Practice	20		64%	5 / 6	00:18:37	12	13	21	PREVIEW
1B Jobs - Online Practice	22		22%	2 / 6	00:10:38	4	4	4	PREVIEW
1C Nationalities - Online Practice	20		79%	6 / 6	01:40:49	10	6	14	PREVIEW
1D English in action - Online Practice	27		67%	2 / 3	00:04:05	10	1	11	PREVIEW
1 Listening practice - Online Practice	0					0	0	0	PREVIEW
1 Reading practice - Online Practice	0					0	0	0	PREVIEW
1 Writing practice - Online Practice	0					0	0	0	PREVIEW
Unit 2	22		3%	1 / 34	00:00:46	1	0	0	
Unit 3	0					0	0	0	
Unit 4	0					0	0	0	
Unit 5	0					0	0	0	

Reports

mCourser offers a number of valuable reports templates for all the roles available on the platform. They are presented in a form of clearly designed tables, plots, charts and dashboards depending on the role of the user.


Student's Reports

Each student has a full access to their results obtained during a selected period of time. A student can also see every piece of interactive textbook they have access to, along with insight into the answers they gave when solving the activities.

My results										MY RESULTS
Select Report Type		Select course		Select criteria						APPLY
COURSES		Roadmap A1 - Onlin... X		TOC						
Title	Result	Grade	Average progress	Completion	Total time	Attempts	Errors	Mistakes	Actions	
Unit 1	10		33%	15 / 35	02:14:09	36	24	30		
1A Hello - Online Practice	54		64%	5 / 6	00:18:37	12	13	21	PREVIEW	
1B Jobs - Online Practice	22		22%	2 / 6	00:10:38	4	4	4	PREVIEW	
1C Nationalities - Online Practice	10		79%	6 / 6	01:40:49	10	6	14	PREVIEW	
1D English in action - Online Practice	63		67%	2 / 3	00:04:05	10	1	11	PREVIEW	
1 Listening practice - Online Practice	0					0	0	0	PREVIEW	
1 Reading practice - Online Practice	0					0	0	0	PREVIEW	
1 Writing practice - Online Practice	0					0	0	0	PREVIEW	
Unit 2	22		3%	1 / 34	00:00:46	1	0	0		
Unit 3	0					0	0	0		
Unit 4	0					0	0	0		
Unit 5	4		1%	1 / 34	00:00:33	1	0	0		
Unit 6	17		2%	1 / 33	00:00:46	1	0	0		

Teacher's Reports

The uniqueness of mCourser lies in the fact that, in addition to aggregated reports, teachers have the ability to observe each piece of eContent accessed by a particular student. Thanks to this feature, teachers can identify individual students' difficulties and address them accordingly by suggesting additional materials or providing direct hints, instructions, or explanations.



My classes

MY STUDENTS MY CLASSES MY SCHOOL

Select Group / Class: CLASSES Select Class: CLASS 1B Select Report Type: COURSES Select course: Roadmap A1 - Online Select criteria: TOC


APPLY

Course title	#	Name	Grade	Average progress	Completion	Total time	Attempts	Errors	Mistakes	Actions
Chapter 1 title	1	Kate Winslet	A	<div><div></div></div> 10%	3/10	00:00:00	3	1	1	DETAILS
Chapter 2 title	2	Leonardo DiCaprio	B	<div><div></div></div> 12%	3/10	00:00:00	3	1	1	DETAILS

EXPORT TO XLSX

School Admin's Reports

The school administrator has access to data generated in the mCourser platform in areas such as My Students (individual results for a selected student – login sessions, activities or learning results), My Classes (reports of school groups and classes) and My School (reports to monitor teacher activity). It is worth noting that each of these reports can be exported as an .xlsx table.



My school

MY STUDENTS MY CLASSES MY SCHOOL

Select school: SCHOOL A Select report type: TEACHERS Start date: 3/6/2023 End date: 3/13/2023

APPLY

#	Teacher	No Sessions	Time spent	No Classes	No Groups	No Students	Assignments	Assessments	Virtual Class
1	Teacher 1	25	4h 50:20	7	4	123	6	4	1
2	Teacher 2	35	6h 23:10	9	2	56	4	3	1
3	Teacher 3	0	0h 00:00	12	2	78	0	0	0

EXPORT TO XLSX



District Admin's Reports

With mCourser, local educational organisations or school districts can collect general information regarding schools' activity and the results obtained by teachers and their students. They can easily organize tests or exams to assess the effectiveness of the teaching and learning processes in schools under their supervision.

Platform Admin's Reports

The platform admin (e.g. an educational publisher or the Ministry of Education) may have access to all data generated by the platform and the eContent from all schools deployed in mCoursier. All data, up to the smallest detail, are stored in a BigQuery format in order to make it possible to generate practically any report or perform a desired analysis.

The abilities and skills in analysing and interpreting the Big Data streams is the source of an important competitive advantage for educational publishers. They already can identify the effectiveness of their materials and take the corrective measures where necessary.



The most
powerful
Adaptive
Learning
Platform



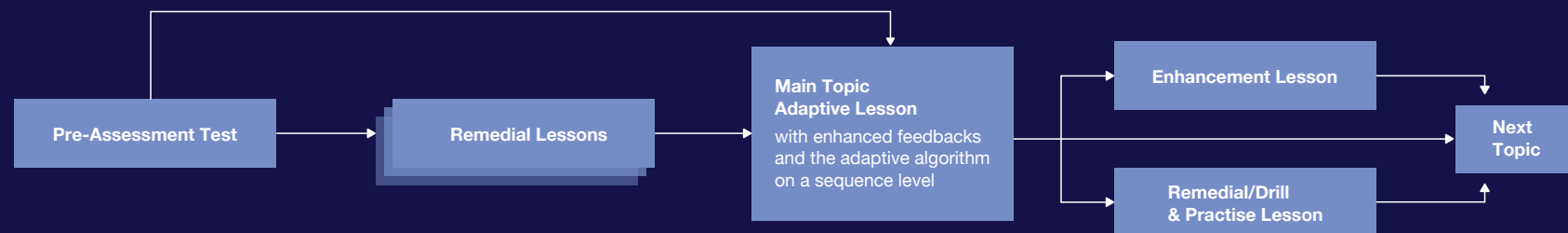


All courses published on mCourser, even those created in a linear form, can be re-designed into truly adaptive content.

In order to define advanced adaptive paths across the course, mCourser is able to fully exploit the large data sets collected from students. They can take the form of either the results from solved activities or from the variety of other student-content-platform interactions.

The adaptivity algorithm starts from a pre-assessment test aiming to provide information on a particular student's current level of skills and knowledge. The result determines the next step, which is either displaying one of the available remedial lessons or moving the student to the main topic lesson.

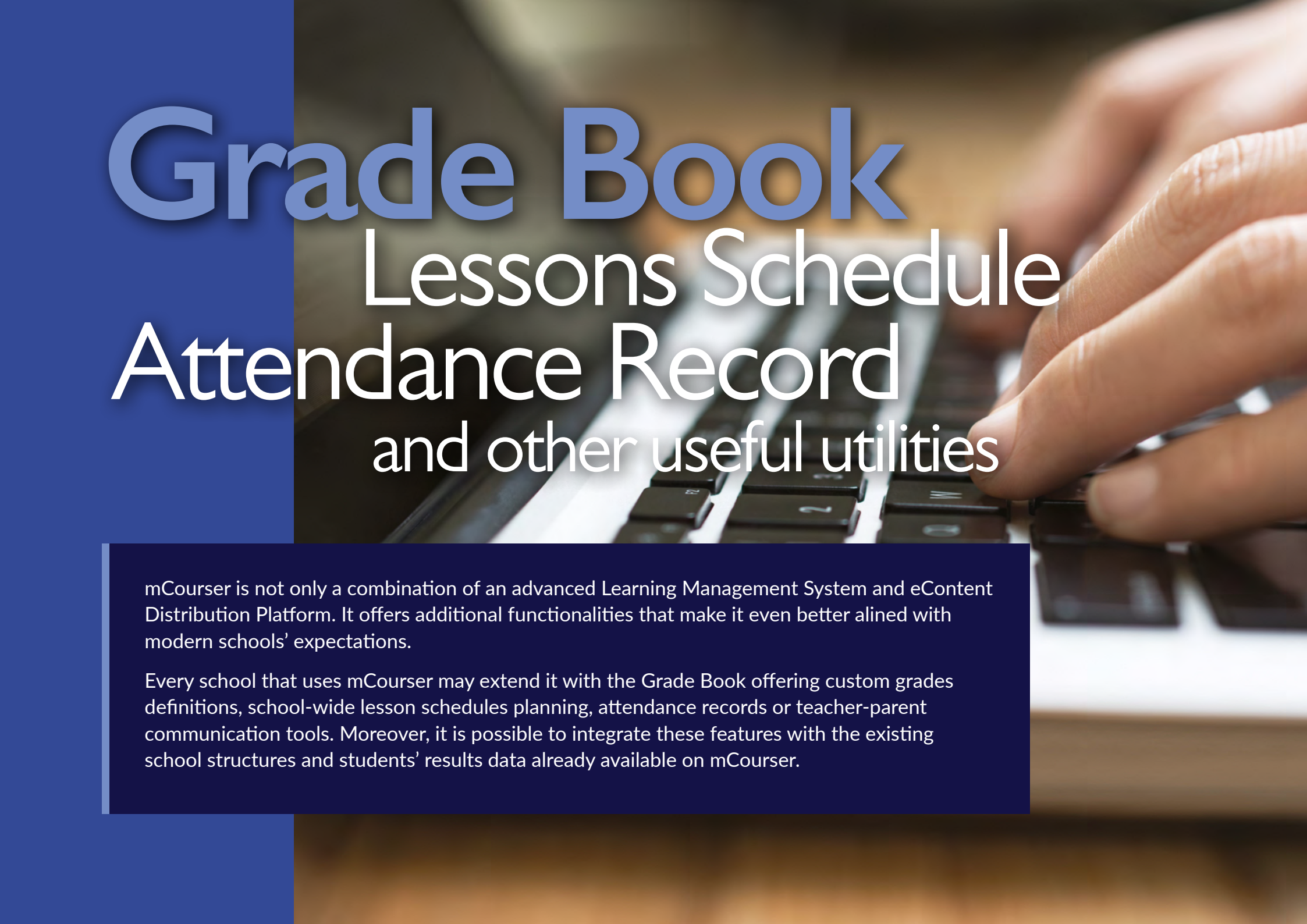
The lesson itself is also displayed as an adaptive sequence of learning objects in accordance with the algorithm designed in mAuthor at the stage of creating a lesson. The algorithm provides learning objects in a sequence adjusted to the student's progress. When the main topic lesson is finished, depending on the results, the student may be forwarded directly to the next topic or can be given a particular set of enhancement or remedial/drill & practice activities.





Every publisher who offers the content on mCourser can build advanced adaptive mechanisms using the mCourser's **Adaptive Learning Course Editor**.

Thanks to such an approach, the adaptive algorithms concerning particular parts of the learning materials can be easily fine-tuned, changed or completely redesigned to serve different objectives. It significantly reduces the effort and cost connected with advanced adaptive content production.

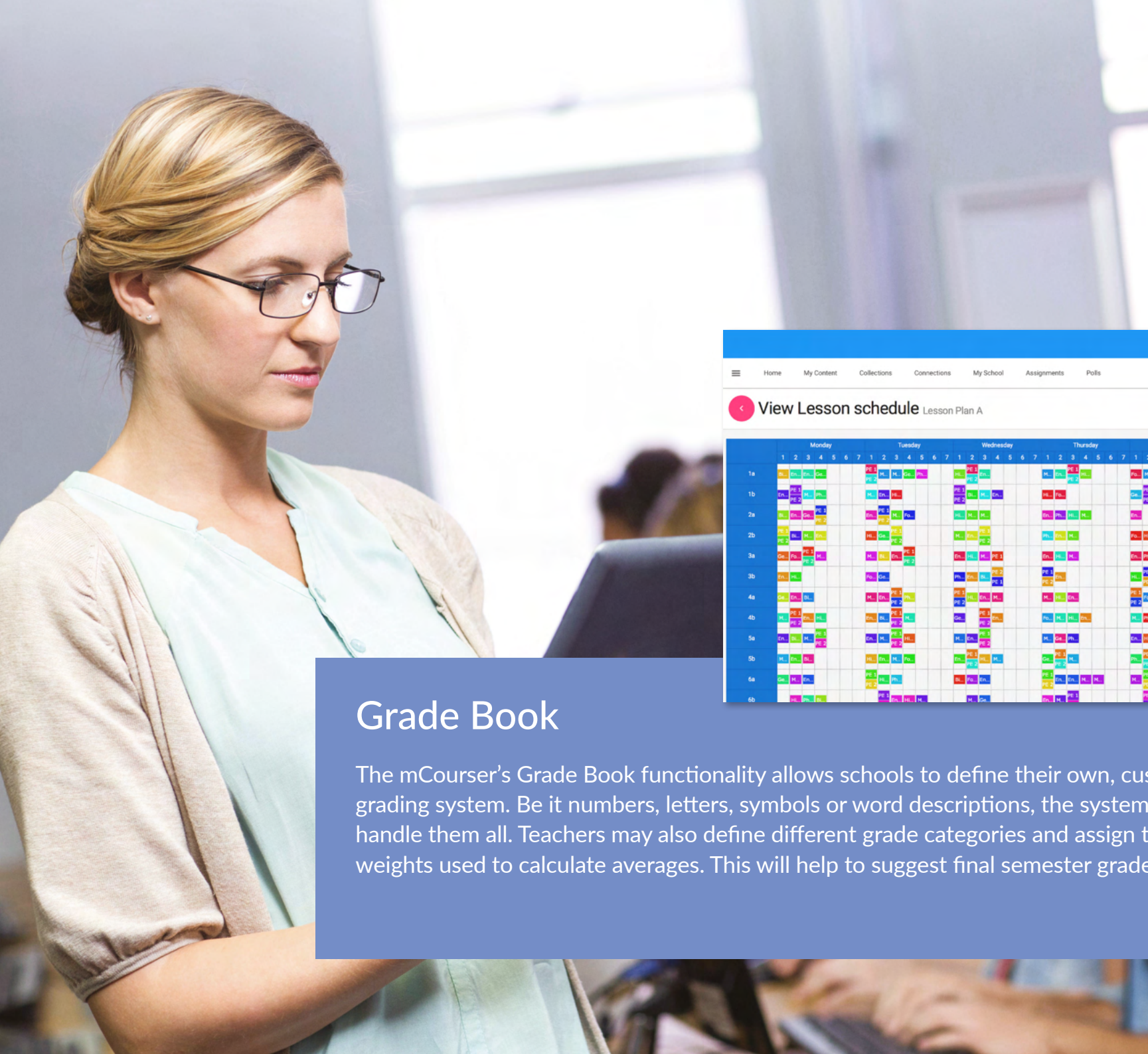


Grade Book

Lessons Schedule Attendance Record and other useful utilities

mCourser is not only a combination of an advanced Learning Management System and eContent Distribution Platform. It offers additional functionalities that make it even better aligned with modern schools' expectations.

Every school that uses mCourser may extend it with the Grade Book offering custom grades definitions, school-wide lesson schedules planning, attendance records or teacher-parent communication tools. Moreover, it is possible to integrate these features with the existing school structures and students' results data already available on mCourser.



teacherTEST0004

Logout

Home

My Content

Collections

Connections

My School

Assignments

Polls

<

View Lesson schedule

Lesson Plan A

CLASS CONTEXT

TEACHER CONTEXT

	Monday							Tuesday							Wednesday							Thursday							Friday							Saturday							Sunday						
	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7							
1a	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7							
1b	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7							
2a	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7							
2b	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7							
3a	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7							
3b	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7							
4a	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7							
4b	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7							
5a	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7							
5b	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7							
6a	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7							
6b	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7	1	2	3	4	5	6	7							

Grade Book

The mCoursr's Grade Book functionality allows schools to define their own, customized grading system. Be it numbers, letters, symbols or word descriptions, the system will handle them all. Teachers may also define different grade categories and assign the weights used to calculate averages. This will help to suggest final semester grades.



	Friday 07-08-2017	Monday 07-08-2017	Tuesday 08-08-2017	Wednesday 09-08-2017	Thursday 10-08-2017	Friday 11-08-2017
Lesson 1	07:00-07:45	Math Alberto Hanson	English Robbie Mitchell	Geography Royal Correa	Form Period Ann Ring	Math Alberto Hanson
Lesson 2	08:00-08:45	PE 1 Ann Ring	Biology Billy Campbell		Math Alberto Hanson	Physics Severly Davis
		PE 2 Barbara Bradley				
Lesson 3	09:00-09:45	English Robbie Mitchell	PE 1 Ann Ring	PE 1 Ann Ring	History Anna Wilkins	
			PE 2 Barbara Bradley	PE 2 Barbara Bradley		
Lesson 4	10:00-10:45	History Anna Wilkins	Math Alberto Hanson	English Robbie Mitchell	English Robbie Mitchell	

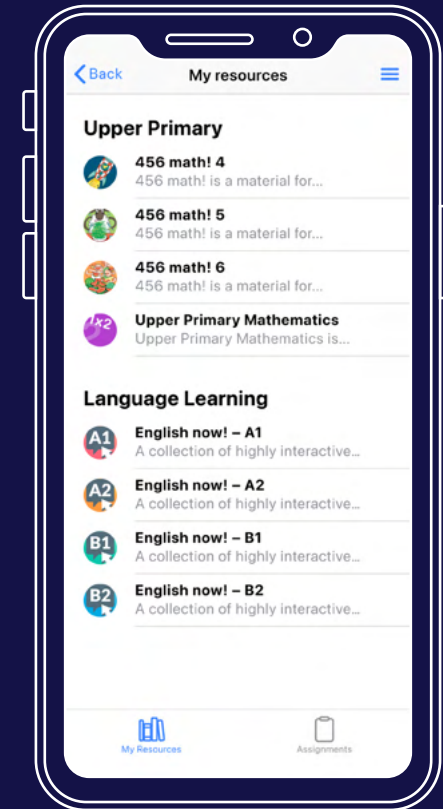
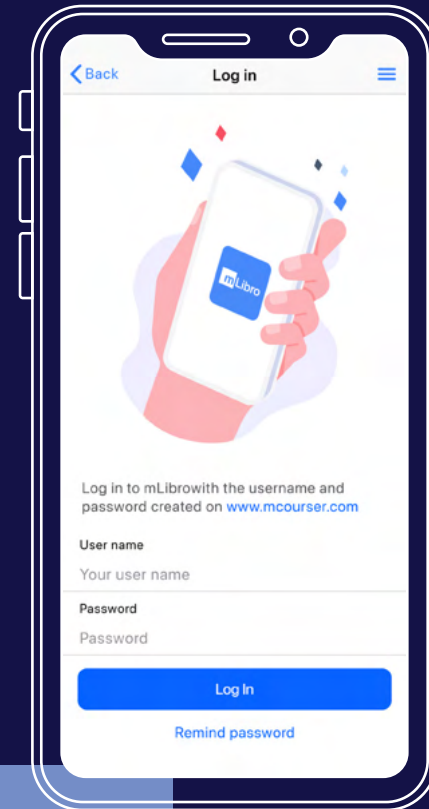
Lesson Schedule

Building a lesson plan for the entire school is a real challenge faced at the beginning of every school year or even every semester. mCourser offers huge support providing a dedicated Lesson Scheduling Editor. School admins are able to define their semesters, classes and subjects, and distribute them in an easy and intuitive way in the form of weekly plans for every teacher and every student.



Companion Mobile App

Provide all learners access to your online resources anytime and anywhere. Students can download the assignments and digital lessons from the mCourser platform to an offline application, then work offline with those materials, and upload results once connected to the Internet again.



How does it work?

1. Download eConent

While connected to the Internet, students can download their assignments and digital lessons from the mCourser platform to the mLibro offline application.



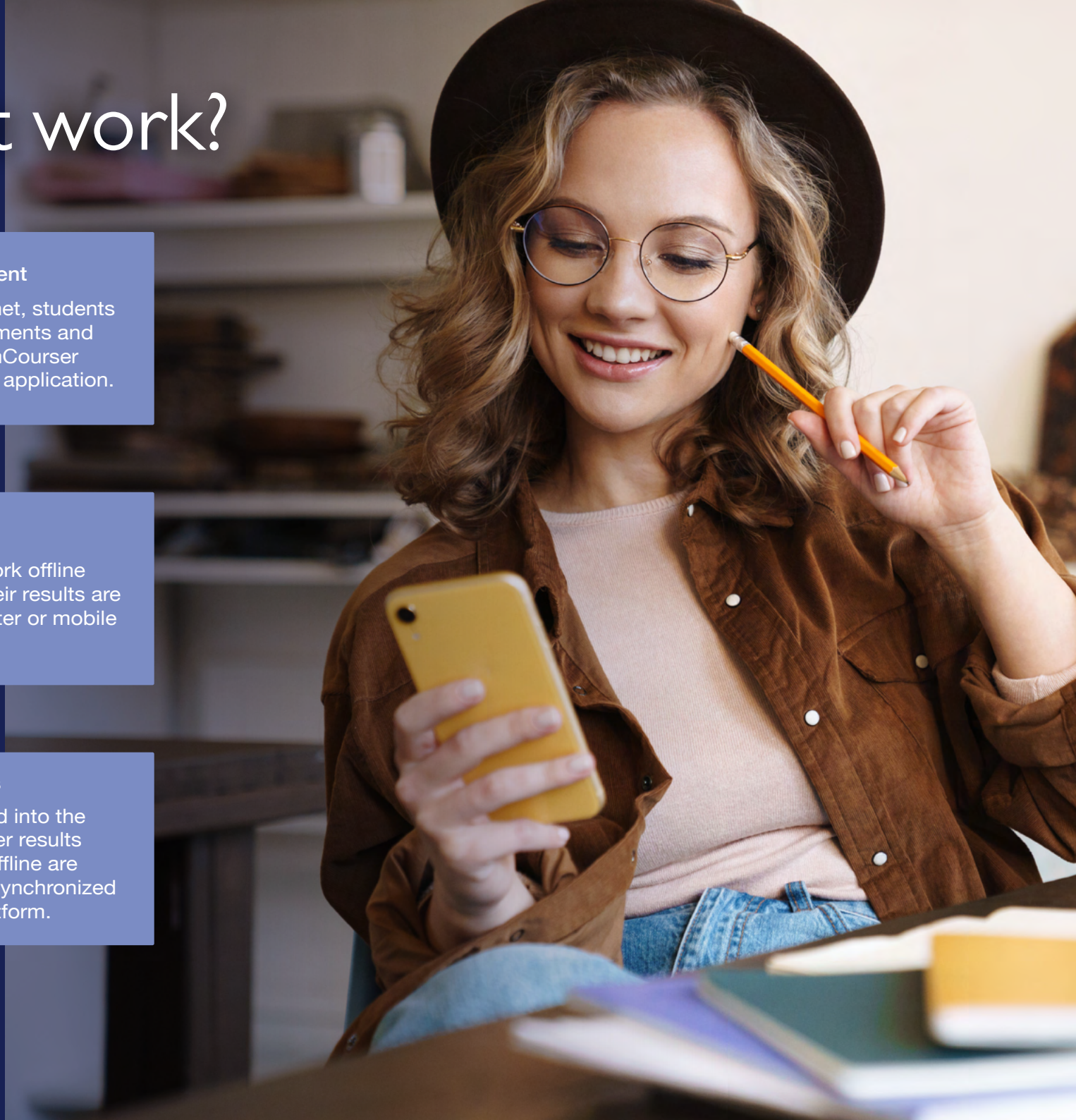
2. Work offline

From now on, they can work offline anytime, anywhere, and all their results are stored locally on their computer or mobile device.



3. Upload results

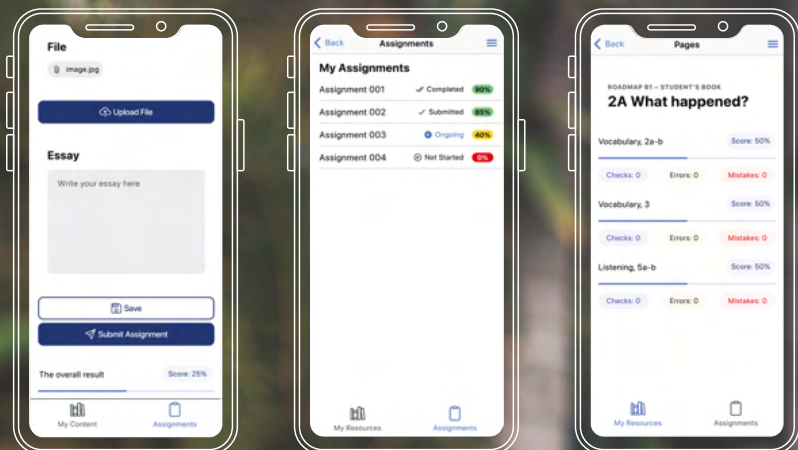
Once a student has logged into the Internet again, all his or her results obtained while working offline are automatically uploaded and synchronized with the mCourser platform.



SIMPLE AND EASY TO USE

mLibro's interface is designed to ease the use of all functions. Moreover, the application is System-Agnostic, which means that it can work on stationary Windows based computers or on iOS or Android mobile devices as a native app.





mLibro

Sync Offline App

You may download it free of charge from the following services:



Download on the
App Store




GET IT ON
Google Play



Get it from
Microsoft

Big Data Analytics

Basing decisions on data and evidence seems obvious, and indeed, research indicates that data-driven decision-making improves the productivity. Big Data emphasizes that the data itself is a path to value generation in publishing houses. It is also a source of enormous amount of information for universities of Ministries of Education.



mCourser collects and stores millions of results that are coming from highly interactive activities solved by thousands of students every day. Having access to such a huge database of information, the publishers, universities or Ministries of Education can use it in a broad variety of ways.

Publishers can test and verify the efficiency of the materials that their publishing teams have prepared for each subject, chapter, lesson, page or even a single activity.

The Ministries of Education can trace more general students' results observing long-term trends in the effectiveness of selected education resources or methods.

By observing how students are doing with their digital textbooks and tracing:

- how much time they spend to solve a particular activity,
- how many mistakes they make while interacting with it,
- the type of mistakes they make,
- how many times they ask the system for a hint or to show the correct answers,

the publishers or editors responsible for creating their digital textbooks can assess if:

- their materials clearly and effectively present the intended concepts and ideas,
- how difficult it is for students to understand the presented concepts,
- which particular part of a lesson page or activity creates a problem for them or which one is not challenging enough.

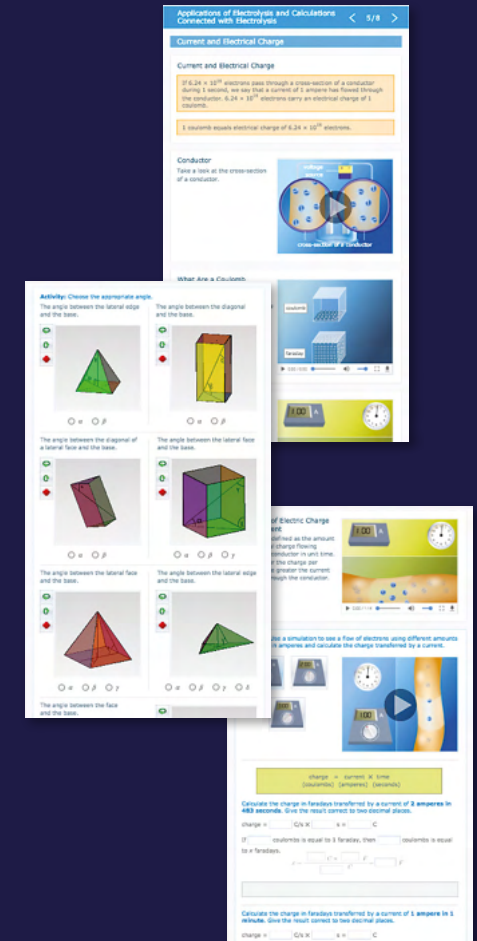
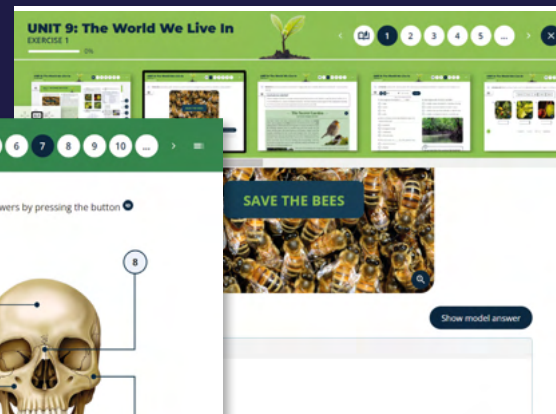




Having all this information, the publishers and editors can **constantly improve the quality** of their electronic textbooks. What's more important, instead of waiting for the next edition of a paper-based textbook, they can make **all corrections and improvements practically in real time**.

Moreover, access to such a huge pool of information allows publishers to make a variety of statistical analysis in different segments and groups and check, e.g. the differences between students in different locations, large towns vs. villages, or between students of a particular background, skills, abilities or disorders.

eContent Standards



In order to fully exploit the mCoursr capabilities, it is necessary to secure a perfect match between an LMS and the eContent deployed in it.

The best results can be obtained while using the eContent created with **mAuthor** – Learnetic's proprietary top-quality **Authoring Tool** capable of producing highly interactive materials and offering over 150 highly adjustable functional modules to address the most demanding instructional design requirements.

Momentum

Collision of Carts

Carts
The quantities that determine the direction in which two carts will move after they have collided are: the speed of the carts at the moment of the collision and their masses.

Check what will happen to the carts after a collision and how this is related to their speeds and masses.

Activity: Suppose that two carts collided. Cart A came from left, and came from right. Match the velocities and the masses of the carts which happened after the collision.

Car A: 1 kg, 1 m/s
Car B: 1 kg, 1 m/s

Result of the Collision: ☐ stop

Hormones and Endocrine Glands

Specificity of Hormone Activity

Transport of Hormones
Hormones are usually transported by the blood and thus reach every cell of the body. However, they only affect the functioning of cells that are equipped with receptors specific for a given hormone. Receptors are located in the cell surface membrane or in the cytoplasm. Cells with specific receptors are called target cells.

Glossary: target cells

Steroid and Peptide Hormones
The chemical composition of hormones is similar, or sometimes even identical, in different species of vertebrates. However, the function of a particular hormone can be totally different in different species. For example, the hormone that regulates milk secretion in mammals also regulates water metabolism in reptiles. Watch to learn more about peptide and steroid hormones.

Peptide Hormones
Steroid Hormones

Hormones and Endocrine Glands

The Hypothalamus-Pituitary System

Pituitary Gland and Hypothalamus
The hypothalamus is the element of the dominant hypothalamus-pituitary system that controls hormone secretion in the endocrine system. The hypothalamus directly affects the activity of the pituitary, stimulating or inhibiting the secretion of hormones.

Coordination of the Pituitary and Hypothalamus
Trophic hormones are hormones secreted by the pituitary gland. They stimulate the activity of other, pituitary-dependent, endocrine glands. Watch to learn the principle by which the hypothalamus and pituitary coordinate.

Activity: Put the illustrations of glands into the correct spaces on the diagram. This will provide information about the hormones produced in

4.1

Choose the sweets equally among the children. Put the sweets into the bowls.

Does the price have been divided?

on the left ☐
on the right ☐

2.7

The teacher and the cook divide two pizzas amongst themselves.

Decide whether the statement is true or false.

Three eighths of a pizza have eaten.
One half of a pizza has pineapple.
Two thirds of a pizza have mushrooms.

1.1

Set the hands.

It's 18:00
It's 21:00
It's 23:00
It's 20:00

3.8

Color

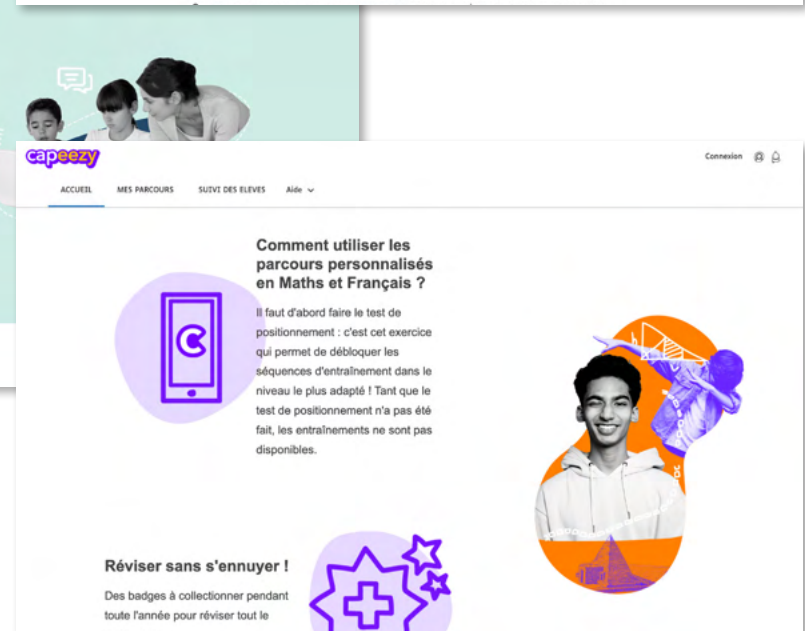
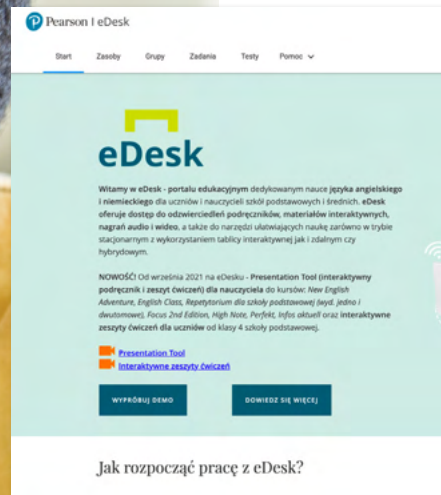
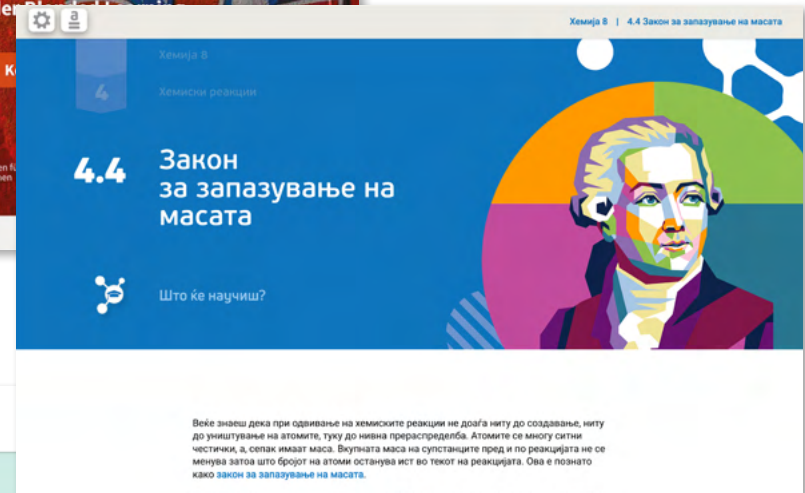
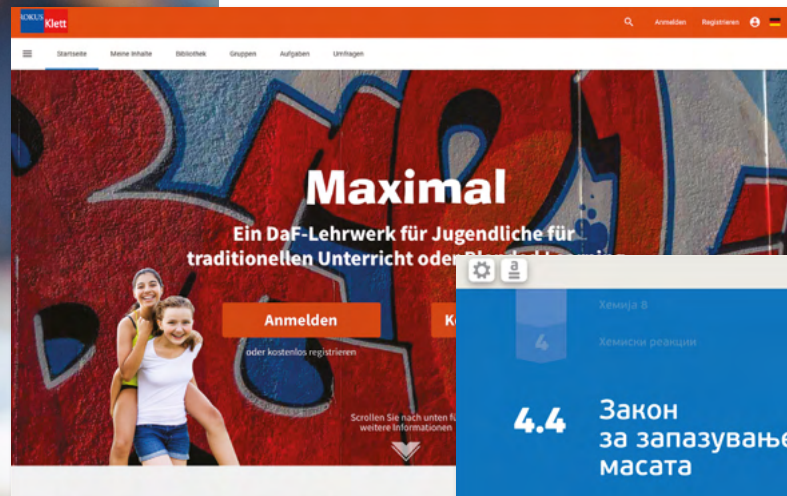
10 = 9 - 7
10 = 9 - 7
10 = 9 - 7
10 = 9 - 7

Platform Customization

The background of the slide features a photograph of three young girls in a classroom. They are all smiling and looking down at tablets they are holding. The girl on the left is wearing a blue shirt with white stars. The girl in the middle is wearing a red and white striped shirt. The girl on the right is wearing a grey shirt. The background is slightly blurred, showing other students and classroom furniture.

Thanks to the mCourser customization capabilities, it is possible to translate the interface to different languages or adapt its look-and-feel to specific age groups or subject contexts.

It is also possible to customize different layers of the platform in order to match it with particular school's or publisher's logos or preferential colour patterns. Platform or school administrators can also switch on and off different functional modules in order to streamline students' workflows or avoid their distractions.





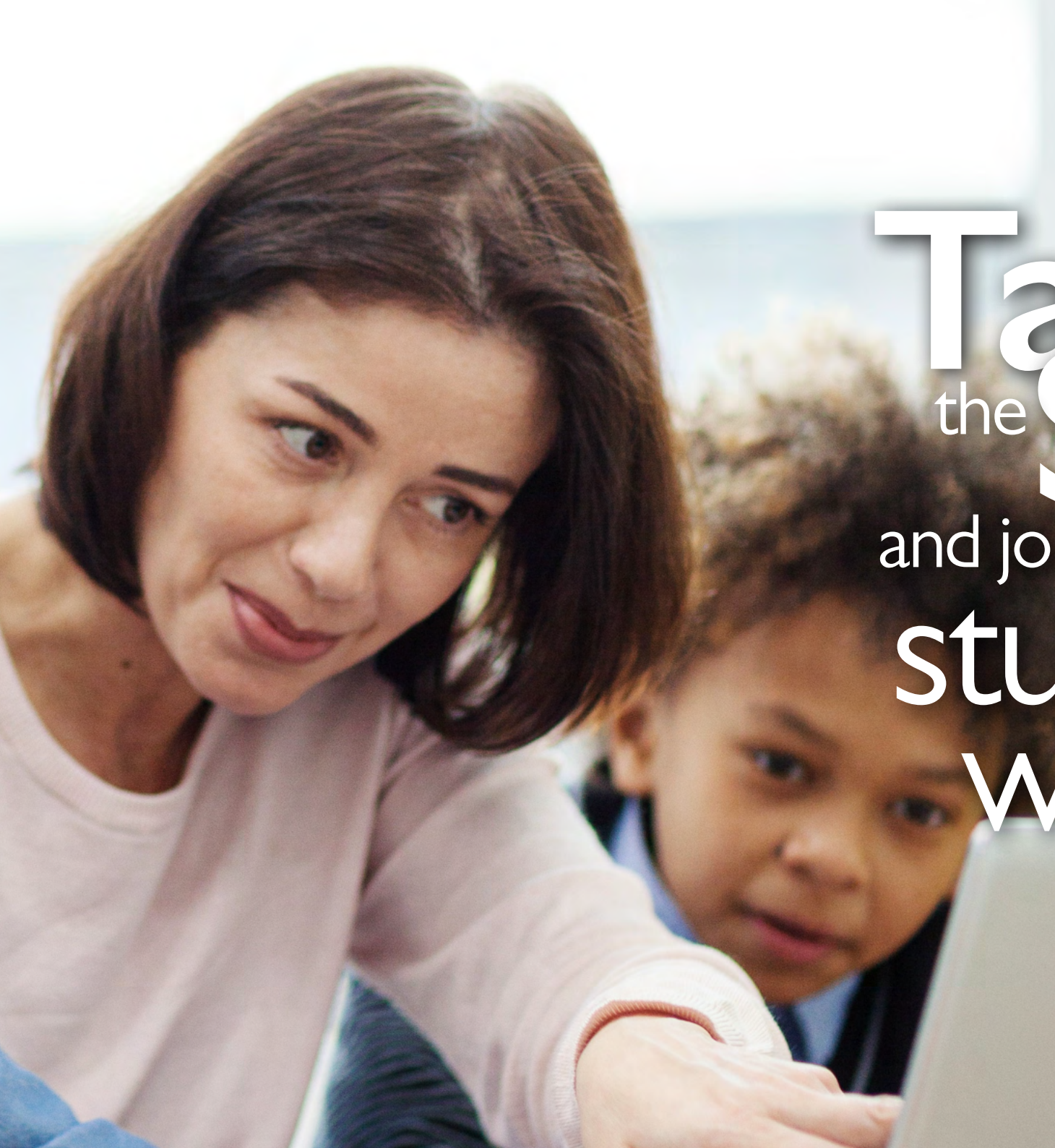
Cloud-based Software as a Service Model



No need for installation or local hosting – mCourser is a fully cloud-based solution delivered and licensed in a Software-as-a-Service model.

It allows delivering not only the uninterrupted service but also provides necessary **flexibility to scale-up** mCourser service along with a growing number of schools and students using it. It also allows seamlessly introducing new options and functionalities that are being developed and launched by our development teams.





Take
the Step
and join your
students'
world

OUR PARTNERS:



UNITED KINGDOM



FRANCE



GERMANY



PORTUGAL



USA



SPAIN



FRANCE



POLAND



GERMANY



SPAIN



SPAIN



SPAIN



TURKEY



SPAIN



PORTUGAL



THAILAND



NORWAY



USA



KAZAKHSTAN



USA

*Check our website to learn more about mCourser's features and discover **mAuthor** – our complementary eContent Authoring Tool and eContent Development Platform.*



www.learnetic.com



All rights reserved. Copyright © 2023 by Learnetic SA.