

Why CYPHER is a top choice for **K-12 educational institutions**



Question 5 of 6 10 Points

Titanium alloys are commonly used in aerospace applications due to their high strength-to-weight ratio and excellent corrosion resistance.

Select the correct response:

☐ True

☐ False

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The advantages of using an LMS for Elementary Education

The only way forward in the educational sector is through digitization. The question “Should we use an LMS?” has been replaced by “How do we use an LMS for effective teaching and learning?”

In this sense, K-12 institutions have a reliable solution that can accommodate the requirements of teachers, students and their parents, and the staff involved. Here are just some of the advantages:

All-in-one solution

Most K-12 institutions are concerned about the logistics of setting up a new platform. By using a comprehensive solution for all teaching and learning activities including creating content, assessing students, and collaborating, there is no need to switch between platforms.

School branding

K-12 institutions are expected to provide qualitative online and offline courses to keep up with the competition. With the help of a learning platform, they can also customize their learning portals to match their identity and branding, and attract even more students.

Flexible learning

Today’s students don’t fit a stereotypical profile. They want to be able to learn anytime and anywhere, so institutions need to implement a tool that allows in-person teaching and remote classes, and everything in between.

Increased retention

An effective LMS for K-12 students increases their motivation. Therefore, the platform does more than just help students keep up with their classes. It transforms the way they learn and easily connects them with their peers — even when learning remotely.

Institutions can expect all of these benefits and more. However, choosing the right platform is not always easy!



How do we use an LMS
for effective teaching
and learning?

Choosing the best solution for your institution

Having an LMS is vital for school institutions, but not all of them are made the same. The priority should be something that can adapt to changing needs.

That's why CYPHER is one step ahead, guaranteeing three key aspects for K-12 institutions:

Innovation

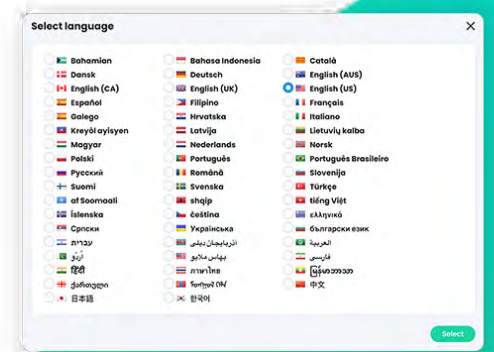
CYPHER is constantly evolving and innovating. Our schools are also partners who inspire us to create new features and add new updates all the time. Their feedback makes CYPHER more powerful.

Migration and onboarding support

Moving data and content from one platform to another is effortless thanks to our team experts. They can handle any type of migration and onboarding so you can start using CYPHER successfully as soon as possible.

Best value for investment

An LMS is a long-term investment in education. By choosing a reliable cloud-based learning platform, most institutions end up saving time and money.



CYPHER features that support K-12 institutions

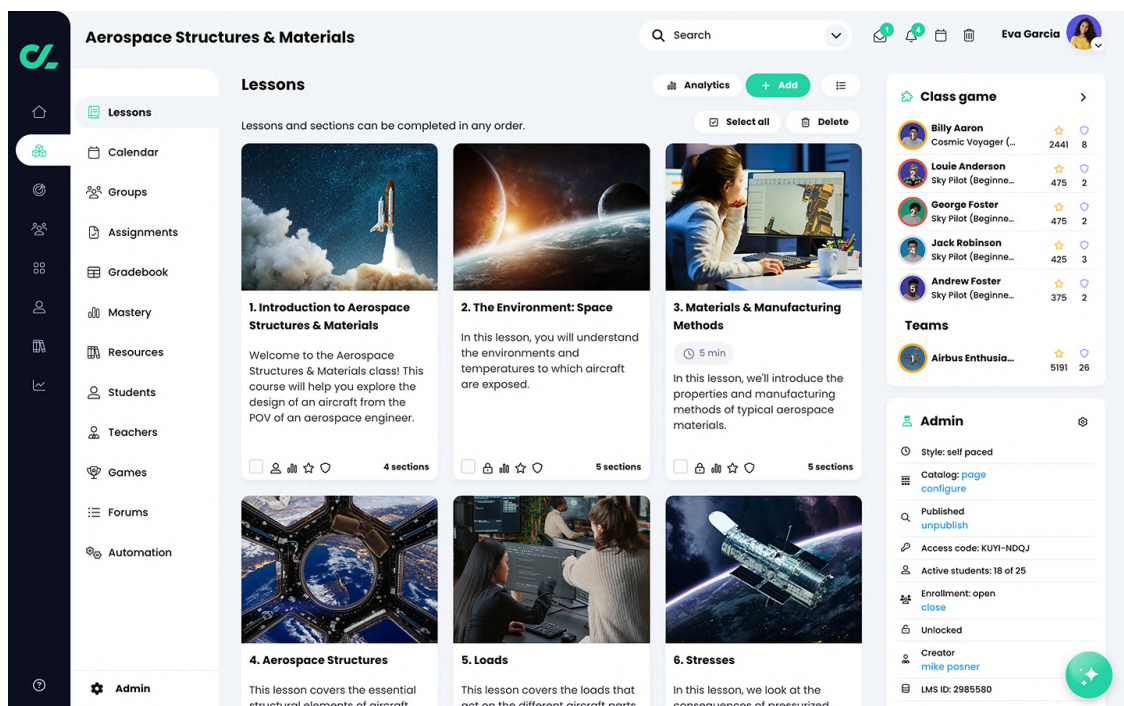
CYPHER is a complex learning platform with many features suited for K-12 institutions. Since each school is different, CYPHER doesn't follow a cookie-cutter approach to education. Instead, each school can

personalize their portal to end up with something that feels uniquely theirs. Here are some indispensable activities that schools use in their daily activities:

Simple class creation

Teachers can design classes directly in the platform and they don't need any technical knowledge to make these engaging and fun. CYPHER Agent, powered by AI, helps to create classes fast, using existing school materials like PDFs or videos. CYPHER also

provides integration with many third-party content providers and bespoke content services. Once courses are set up, there is a wide range of teaching styles to choose from, such as instructor-led, self-paced, blended, or micro learning.



Effective online assessment

CYPHER Agent can set up auto-graded quizzes and essay assignments with rubrics in minutes. Teachers have a wide range of additional options at their disposal, such

as debates, team, as well as third-party assignments using our LTI support. They can also grade assignments easily through the class gradebook.

Aerospace Structures & Materials

Final Exam

Aircraft model - Concept

Instructions

For the final project, you will need to design and present your very first aircraft model.

Take into account:

- The size and weight of your aircraft in relation to its environment
- The materials selected and reason for doing so
- Stresses and damage tolerances
- Types of joints, fasteners, and rivets

You will need to hand it in 2 weeks prior to the end of the class.

Assignment

Type: Essay

Max grade: 100

Grading: Normal

Category: Test

Grading

2 assignments to grade

Due: 12, Submitted: 7

Graded: 5

Options

Library: Personal

Max. attempts: 2

Release grades: Instant

Allow students to comment on other student's submissions: X

Competency-based learning

With competency-based learning, you can be sure that student progress is closely monitored. Teachers can align class content and assignments with competencies

manually or using CYPHER Agent and use advanced analytics tools to see whether students are on track or falling behind in their learning.

Aerospace Structures & Materials

Mastery

Competencies Students Coverage Rules Options

Students by first name

Calculation: Average

Competencies	Code	Introduction to Aerospace...	Understanding the difference...	Material properties	Understanding high strength	Understanding stiffness	Understanding fatigue...	Understanding damage...	Space - The Environment	Under...
		1	1.1	2	2.1	2.2	2.3	2.4	3	
Student	Average	68%	68%	77%	74%	79%	72%	80%	88%	8
Johnson, Aaliyah	85%	89%	91%	90%	85%	95%	93%	92%	99%	9
Foster, Andrew	82%	99%	100%	96%	100%	91%	84%	89%	98%	5
Patel, Arjun	77%	88%	89%	91%	85%	86%	77%	87%	85%	8
Aaron, Billy	60%	73%	78%	76%	65%	58%	39%	64%	63%	8
Santos, Casey	58%	58%	58%	56%	60%	60%	56%	60%	68%	7
Jobs, Dillon	74%	89%	94%	77%	95%	80%	83%	76%	79%	

Personalized learning experiences

Teachers can create highly personalized learning experiences thanks to automation. The automation rules trigger actions throughout the platform. Adaptive learning

enables teachers to choose what content students see in classes and learning paths based on their progress.

Automation

Class

Lessons

Edit

Enrollment actions

Action	Added
Send the canned message: "enrollment"	Mar 13, 2025
Add to group Astronomy Watchers	Mar 13, 2025

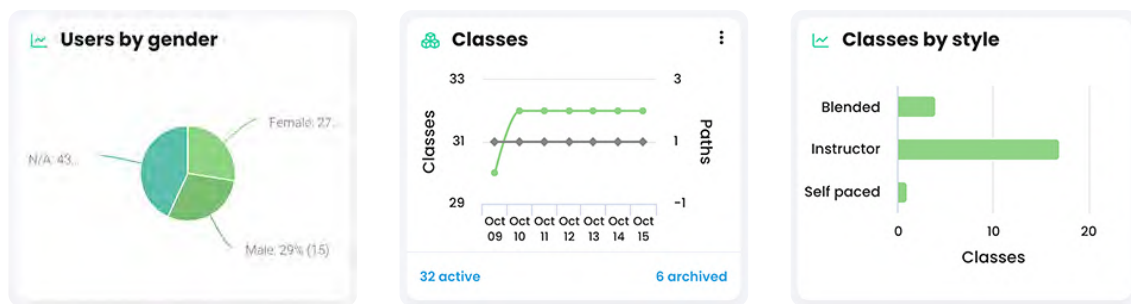
Unenrollment actions

Action	Added
Send the canned message: "unenrollment"	Mar 13, 2025

Advanced analytics

School administrators and teachers get access to widgets and custom reports containing insightful data. They can select from a variety of data such as users, classes,

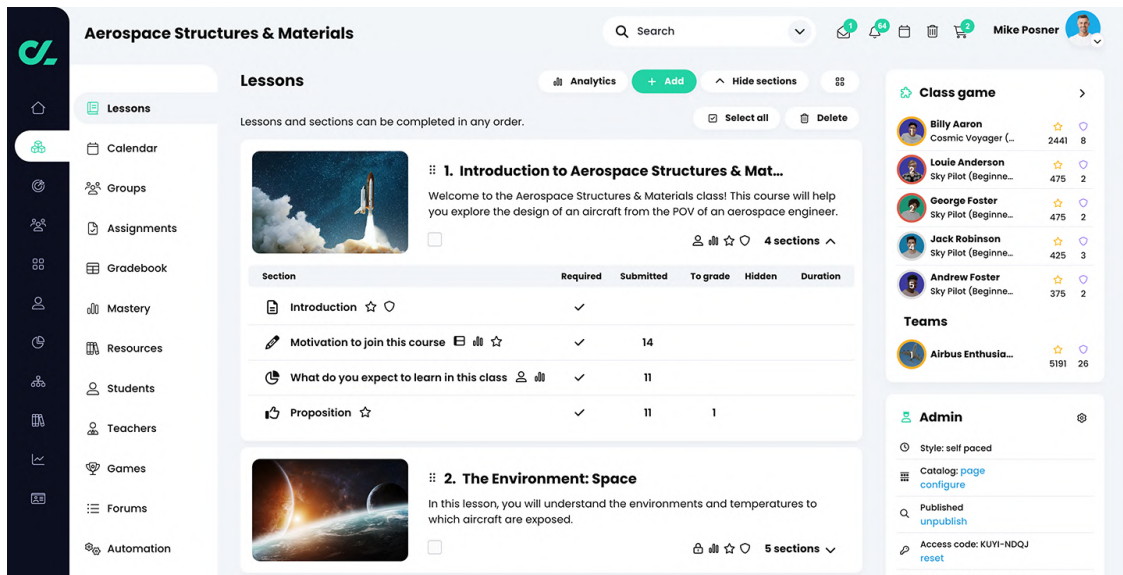
paths, organizations, and more, to make sure that they are constantly monitoring educational activities.



Learning paths

Learning paths encourage students to learn more about a topic. They are essentially classes with learning goals. Each goal

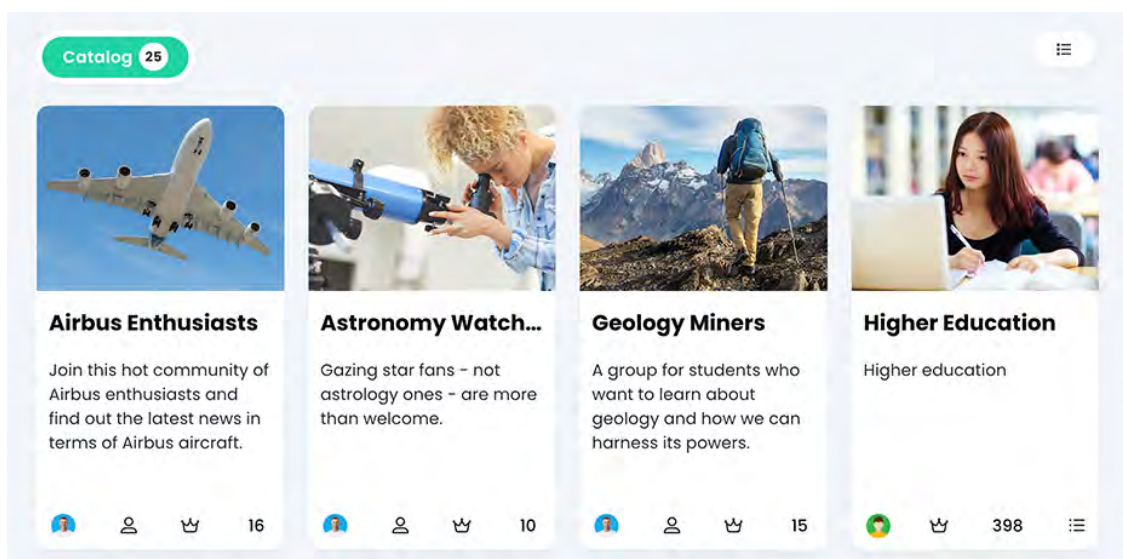
represents a class or a certificate that students need to take in order to achieve mastery.



Create a learning community

Students can easily connect with their teachers and peers through CYPHER. Parents, as well as school staff, can use

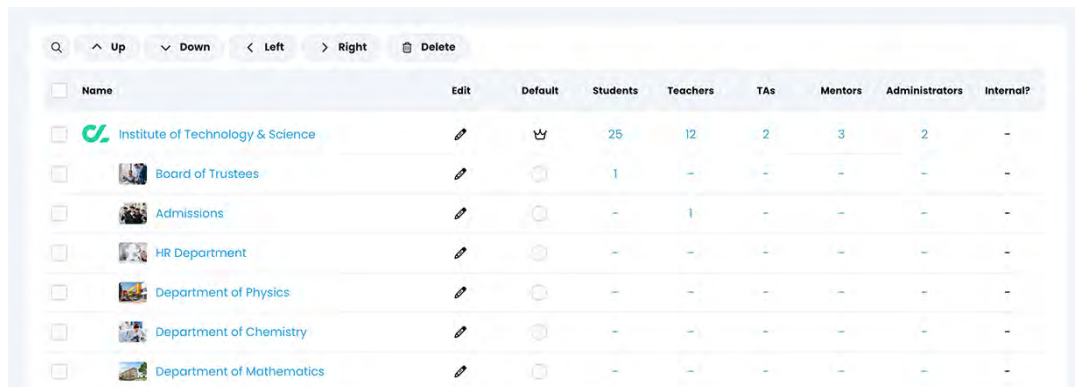
chat rooms, instant messaging, groups, forums, teams, or web conferencing tools to reach out and collaborate.
























Build a community of schools

Connect multiple schools that belong to a district under a centralized hub and manage them in a single account. This is a great way

to boost collaboration, cut costs for multiple subscriptions, and share resources at a district level.

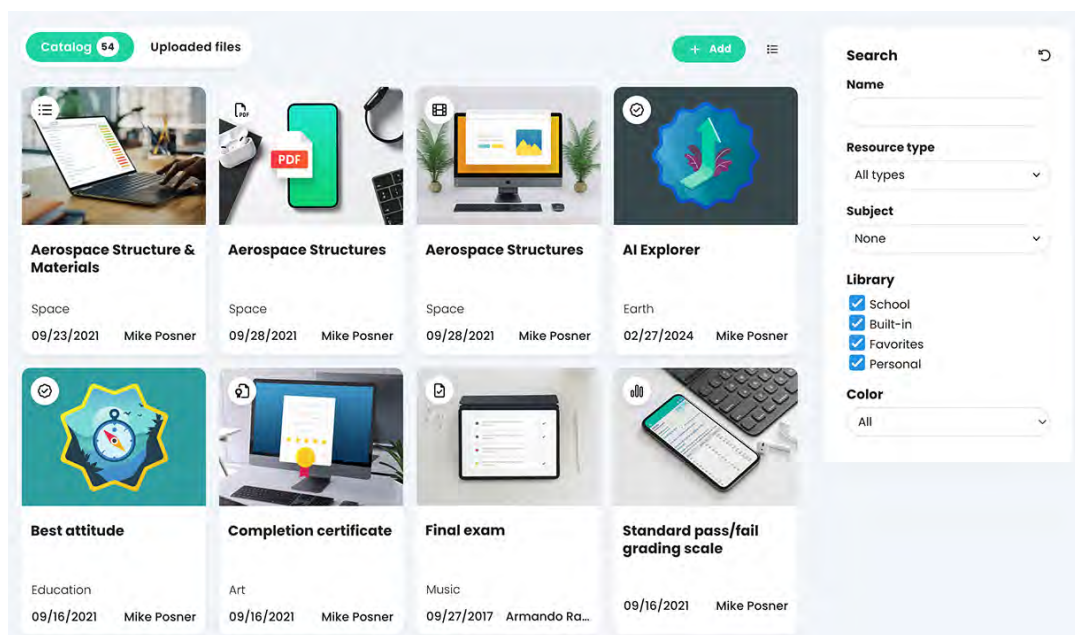


Name	Edit	Default	Students	Teachers	TAs	Mentors	Administrators	Internal?
 Institute of Technology & Science			25	12	2	3	2	-
 Board of Trustees			1	-	-	-	-	-
 Admissions			-	1	-	-	-	-
 HR Department			-	-	-	-	-	-
 Department of Physics			-	-	-	-	-	-
 Department of Chemistry			-	-	-	-	-	-
 Department of Mathematics			-	-	-	-	-	-

Create, share, and store resources

Resource sharing is usually a big problem for institutions. CYPHER helps you keep everything organized. The resources library can either be private or shared with the

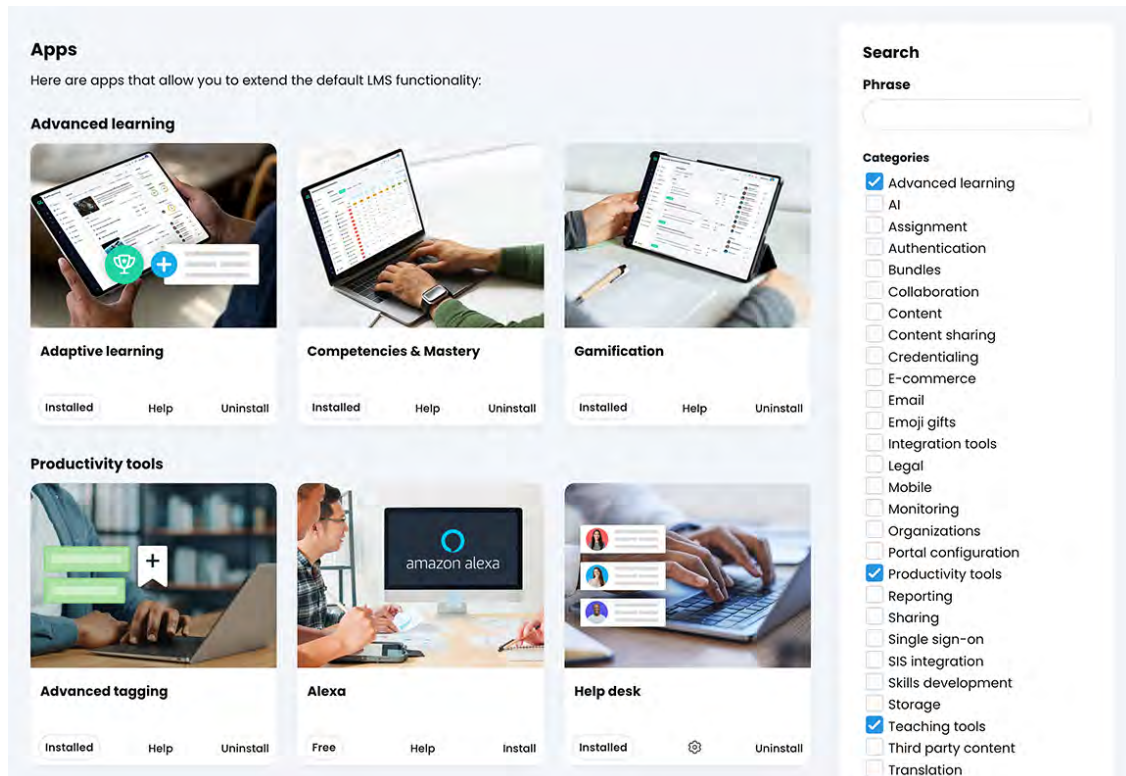
whole school. This is also where you store and organize course templates, certificates, badges, and more.



Integrate your favorite educational tools

CYPHER integrates with all the tools you're already using, including Google Drive, Microsoft 365, MS Teams, Kaltura, Zoom, Zapier, and Turnitin. Schools are becoming

smarter, and students are expecting to get information on the go. That's why CYPHER also integrates with Amazon Alexa.



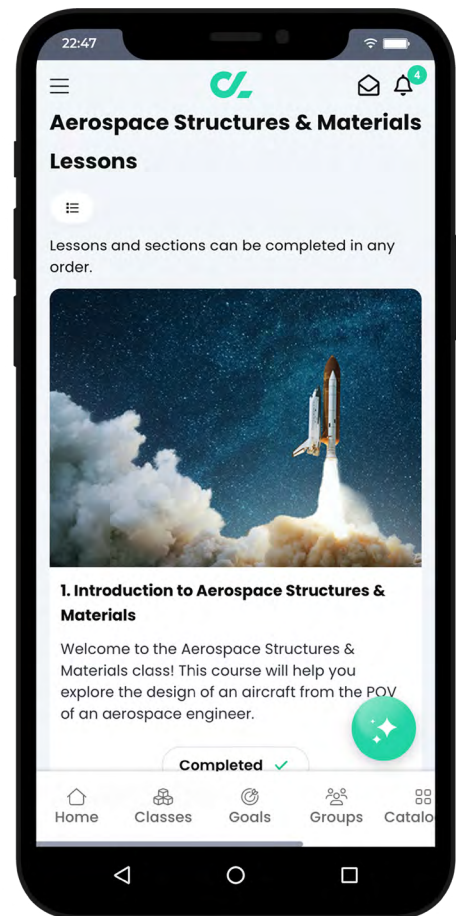
SIS integration

The SIS integration allows you to synchronize data related to accounts, classes and sessions from your SIS to CYPHER, no manual work required. The platform supports Clever which allows sync with a variety of popular SIS. You can also use SIS API with other systems.



Learning on the go

CYPHER works great on all devices, allowing teachers to provide updates and students to continue learning no matter where they are. Users can also take advantage of the native mobile apps for iOS and Android to check their notifications, access classes, and stay in touch with each other.

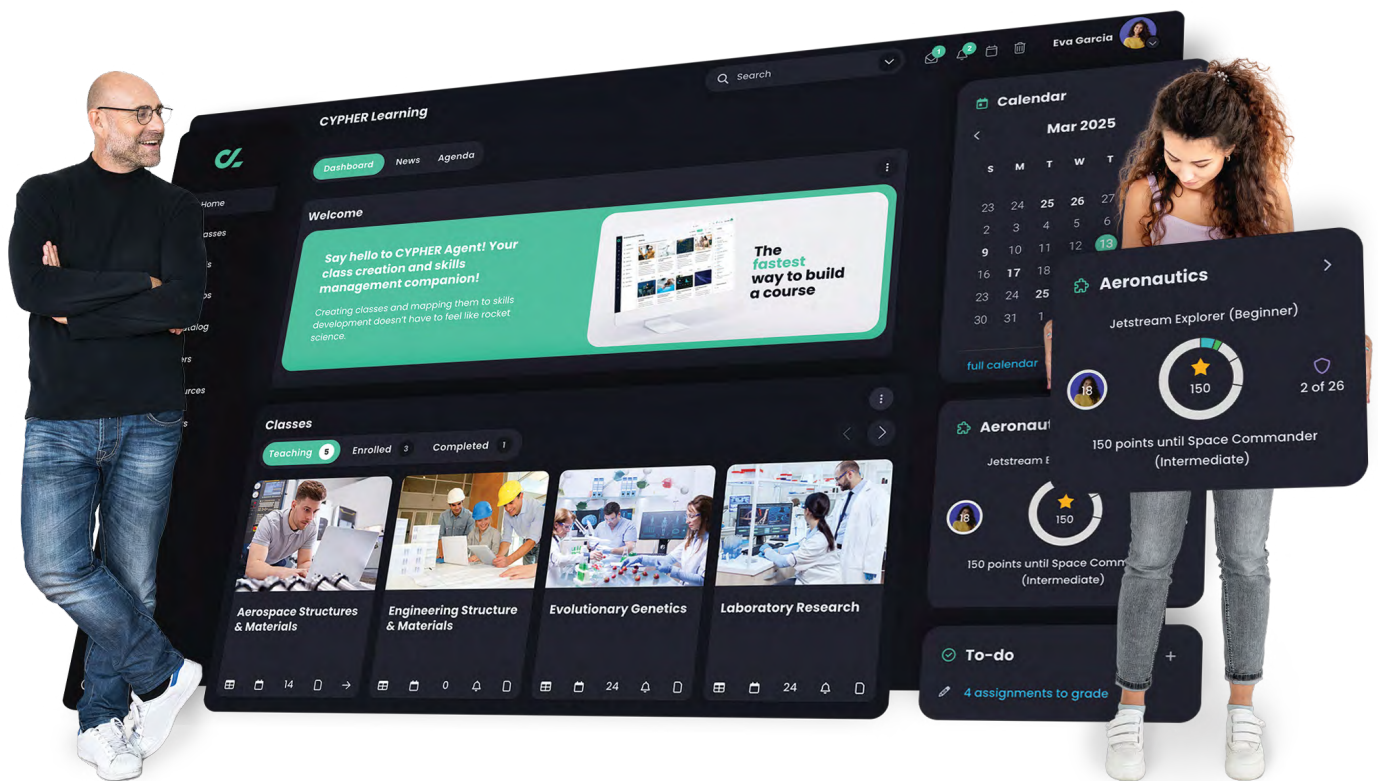


An effective LMS for K-12 students increases student motivation. It transforms the way they learn and easily connects them with their peers — even when learning remotely.

About CYPHER Learning

CYPHER Learning exists to give learners the power to succeed in a rapidly changing world. Trainers, learning and development (L&D) pros, HR pros, and educators get everything they need in one platform to deliver faster, more personalized, and better learning outcomes. We provide the only all-in-one AI-powered

learning platform that is easy-to-use, beautifully designed, and built to power billions of learning moments every day. Create courses faster. Train and teach better. Learn even quicker. Experience our “just in time, just for you, just the way you want to learn” approach that puts people first.



To learn more about CYPHER Learning and our modern learning platform, visit us at

www.cypherlearning.com