



# General RFP Proposal



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## Introduction

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 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.

This proposal provides a detailed overview of CYPHER Learning. We are happy to provide a live demo of our modern learning platform if you require additional information. If you would like to schedule a demo or have any other questions, please contact our head office at:

CYPHER Learning  
7250 Dallas Parkway, Suite 400  
Plano, TX, 75024

Demo: [www.cypherlearning.com/contact-sales/schedule-a-demo](https://www.cypherlearning.com/contact-sales/schedule-a-demo)  
Phone sales: +1 972 634 3401  
Email sales: [sales@cypherlearning.com](mailto:sales@cypherlearning.com)

## Why choose CYPHER Learning

We believe learning is the heart of innovation and progress. Everything we do is about empowering academic institutions and businesses to inspire, develop and celebrate their learners. We just happen to make a beautiful and modern learning platform to get them there.

## The challenge CYPHER solves

In today's accelerated landscape, the time and budget to develop and deploy high-demand courses are increasingly scarce commodities. Plus, allocating resources for seamless delivery and timely updates adds another layer of complexity. **It's costly. It's convoluted. It's complex.** Traditional LMSs force organizations to cobble together a complex and confusing technological learning ecosystem to meet learning expectations.

Even with technological advancements and jam-packed tech stacks, creating relevant and engaging courses at a fast pace remains an uphill battle for many content developers.

From all of the language and format requirements to addressing neurodiversity, creating courses just keeps getting more complex. The handoff from creation to delivery is rife with complications, each stage having its own list of prerequisites.



Also with a jam-packed tech stack, traditional learning management systems involve a convoluted series of steps—from uploading content, devising quizzes, and mapping competencies to supporting multiple languages, formats, and neurodiversity—that devour precious time.

Personalized learning is a whole other dimension to layer on.

## The CYPHER solution

CYPHER obliterates these challenges

1 platform, 3 powers

LMS + LXP + course development



CYPHER is more than an LMS. It unifies the two siloed and confusing worlds of course development and delivery, not only consolidating your tech stack but simplifying your workflow, too.

We simplify, streamline, and save you time and resources by offering 1 platform with 3 powers: Learning Management System (LMS) + Learning Experience Platform (LXP) + course development enabled by AI.

We fuse course development and delivery to:

- Elevate the learning experience at every juncture
- Move learning at the speed of change
- Create measurable and impactful learning with a maximum ROI
- Provide personalized learning at scale
- Reduce the financial and people resources needed for creating and delivering learning

This powerful combination is delivered via our generative learning platform.

### Generative – Generate what you need with ease

- Complete course creation: AI 360
- AI media options: visuals, voiceover
- Learner creation (coming 2024)
- Generate courses in 50+ languages



## **Learning – Deliver the modern learning experience**

- Competency-based approach
- Personalized skills development
- Assessment and evaluation
- Human connection
- Leveled-up gamification

## **Platform – Start from a position of strength**

- Sophisticated automation
- Enterprise-class integration
- Insightful reporting and analytics
- Gorgeous interface and experience
- Sell online courses
- Manage everything
- Security and support

## **CYPHER Learning differentiators**

### **Unified course development and delivery**

The CYPHER platform offers a united solution for developing comprehensive courses. You can develop content, assessments, gamification elements, and map competencies to content. Tailoring courses to individuals is effortless with unique digital learning profiles, ensuring customized learning at scale.

### **Controlled generative AI**

Control the generative AI experience with the CYPHER platform's simple and packaged approach.

- Control content by uploading your own videos, PDFs, slide decks, and other resources to create customized courses that use your terminology, branding, and style to truly make your courses, yours. Rest assured, all of this is private.
- Control content credibility with CYPHER AI Crosscheck that uses multiple AI technologies that check against one another to decrease the risk of AI hallucination and false positives.

### **Personalized skills development**

CYPHER revolutionizes conventional and uniform skill training with its competency-focused strategy. CYPHER provides insight into mastery levels of each competency and offers tailored learning recommendations. With CYPHER AI 360, courses are automatically competency mapped, allowing for personalized learning at scale.

### **Intuitive user interface**

The allure of the CYPHER interface lies in our stunning design – it's gorgeous, intuitive, and easy to use. From our graphical dashboards to adaptive learning paths, find everything you want exactly when and where you expect. Our human-centric approach focuses on clarity over complexity, so users remain in



control without sacrificing on capabilities. “The best way to describe the tech is to say it anticipates the moves of the learner,” said Brandon Hall Group.

## **Automation**

CYPHER is the only platform built around sophisticated automation from the ground up to heighten efficiency and scalability. Our advanced automation powers platform-wide gamification, the largest of its kind, with 120,000 learners participating in weekly periodic leveling challenges. Points frequently reset to encourage active participation and motivation. It’s also allowed CYPHER to be the leader in deploying AI broadly throughout the platform.

## **Publish CYPHER courses to any LMS**

CYPHER is both an LTI consumer and, unlike other LMSs, an LTI provider. Meaning, you can seamlessly integrate CYPHER courses into other LMSs with no export required. Build the courses in CYPHER and get all the benefits, including features like gamification, competencies, and assessments.

## **Global**

CYPHER stands out as the sole platform offering a real-time communication universal translator, encompassing messaging and posts. The platform supports an impressive range of over 50 languages, and with CYPHER AI 360, courses can be automatically created in each of these languages.



## Experience and accolades

### Industry analyst perspectives and insights

#### **Brandon Hall Group** – Michael Rochelle, Chief Strategy Officer

##### Competency-based learning

- “This is a supercharged next-generation technology platform that rocks competency and skills-based learning.”

##### Artificial intelligence

- “CYPHER Learning is disrupting the learning and development space by creating an intuitive, AI-powered platform that offers engaging content and measurable results.”
- “Moving through the platform is intuitive and fast. The best way to describe the tech is to say it anticipates the moves of the learner. And it’s super powerful.”

##### Intuitive user interface and scalability

- “CYPHER Learning is an admin’s dream. Forget the steep learning curve, this tech is as intuitive as it gets. This tech truly does save time and energy and is infinitely scalable.”

#### **CYPHER Learning is Certified as a Smartchoice® Preferred Provider by Brandon Hall Group.**

#### **The Craig Weiss Group** – Craig Weiss, Lead Analyst and CEO

##### Artificial intelligence

- “The best Gen-AI for course content builder I have seen – regardless if it is a learning system (LMS, LXP, Learning Platform, etc.), a TM/PM platform, and even an authoring tool.”
- “It is truly amazing in everything you can do, including synthetic audio.”
- “CYPHER uses multiple LLMs, which is another massive win for me, as it is an excellent route.”

#### **Talented Learning** – John Leh, CEO and Learning Systems Industry Analyst and Consultant

##### Competency-based learning

- “For anyone who’s an instructional designer, it’ll just knock your socks off to see all of the steps you used to have to do manually that you don’t have to do anymore.”

##### CYPHER AI 360

- “In the industry, it takes a minimum of 40 hours to create an hour’s worth of content. Here you’re getting to 80-90% in 10 minutes.”

##### Automation

- “They have one of the best automation engines in the industry.”





## Customer reviews

“With my curriculum, in Mississippi, we are required to keep up and track as our students master specific objectives and standards. With CYPHER Learning, that process is built-in. I can customize it to my liking, and I have all of that data right at my fingertips. It’s amazing.”

*Gigi M.*

*Computer Science Teacher at Senatobia Municipal School District*

“CYPHER Learning is the backbone of the school. It is used continuously. It gives us structure for the functioning of our learning sessions, and enough functionality to work in those sessions and on everything else. It gives us structure and unity.”

*Monica Peñafiel*

*High school English Teacher at San Antonio De Padua Catholic*

“It is a very easy platform to use, especially for students and families, with a very friendly layout. It also has a series of support systems, including communication with parents, students, the ability to invoice for online Classes, and other qualities that make the system very versatile and facilitate a teacher’s work.”

*Renzo Forlin*

*Director General at Colegio Alpamayo*

“One of the things that we are really excited about is being able to tie the state or national standards as competencies. Then, when students complete a Class, they are awarded certain competencies or standards that we have aligned with the Class. This shows schools evidence that students are meeting standards.”

*Dani Bates*

*Executive Director STEM Initiatives at 21stCentEd*

Read more reviews on [G2](#) and [PeerSpot](#)



## Award-winning platform

**CYPHER has over 100 awards and recognitions from industry leading organizations** including Forbes Advisor’s “Best Overall LMS,” and U.S. News & World Report’s “Best for Skills Development.” We’ve also received recognition for our work in academia, earning the title of “Best K-12 Remote Learning Partner” in the SIIA CODiE Awards and numerous other awards. To learn more about the recognitions and awards that CYPHER has received, see our [awards page](#).

“The intuitive user interface (UI) and multiple ways to award employees for using the CYPHER Learning platform scores major points—it’s visually pleasing and keeps employees engaged. Aside from the user experience (UX) though, it’s a comprehensive platform that’s simple to use to create classes and track analytics of employee performance. It doesn’t require advanced coding to create great-looking training modules, and it offers a mobile app to make learning easy on whichever device your employees prefer.”

*Amy Nichol Smith, Forbes Contributor*





## CYPHER strategic partnerships

Driven by innovation and collaboration, CYPHER Learning has emerged as a formidable player in the ed-tech sector. This rise to prominence stems from its strategic collaborations with industry powerhouses. Intent on reshaping the educational canvas, CYPHER Learning crafts a network of alliances that not only boosts its proficiency but also broadens its influence.

- **AWS:** CYPHER engages in the AWS co-sell initiative, which showcases the trust and mutual growth objectives shared between the entities.
- **Dell:** Recognized by Dell Technologies as a global educational ally, CYPHER Learning provides comprehensive learning solutions packaged with Dell's renowned products. Catering to academic establishments, governments, and districts, the CYPHER platform is instrumental in delivering an all-encompassing and cohesive educational experience tailored for diverse learning requisites.
- **Microsoft:** As a Global Training Partner and an active member of the Microsoft co-sell initiative, it ensures flawless integration with Microsoft's diverse toolset.
- **Google:** CYPHER Learning participation in the Google Cloud Partner Advantage program attests to its unwavering pursuit of excellence and dedication to best-in-class services.
- **Coursera, edX, LinkedIn Learning, and Udemy:** Demonstrating a staunch commitment to holistic learning, CYPHER Learning integrates and resells content from these platforms.





## Solutions that accelerate student and organizational performance

Our solutions deliver dynamic, personalized, and modern learning across K-12, higher education, and trade and specialty schools.

- Competency-based learning
- Blended learning
- Continuous learning during disaster
- Teacher professional development
- Teacher and student onboarding
- Instructor-led training

## Enduring benefits of our human-centric approach

Students desire and demand modern, holistic learning to stay competitive, entertained, and ready for what's ahead. Our human-centric approach delivers benefits and outcomes that have lasting positive effects on their personalized educational path and life path.

- Increased student engagement
- Stronger culture of continuous learning
- Decrease costs
- Improve student satisfaction
- Lower administrative support requests
- Scale personalized learning

## Features that will forever change your learning process

CYPHER delivers a centralized environment for creating courses, providing online teaching, evaluating student performance, covering administrative needs associated with teaching, and allowing users to collaborate and connect.

### AI-powered course creation

CYPHER AI 360, our AI-powered tool, accelerates the creation of gamified, multimedia classes, and assignments in minutes - laying the foundations for personalized learning at scale.

AI 360 can help build every part of a class. From class outlines to class content. From quizzes to essay questions. From rubrics to gamification. Ask AI 360 to build the whole class or just parts - it's up to the teacher. AI 360 can help you create:

- Class outline with description
- Classes from your uploaded content – PDFs, videos, and more.
- Class content
- Skills / Competency mapping and tagging



- Rubrics
- Gamification
- 50+ languages
- Question banks
- Images with AI
- Assignments
- Group/Individual projects
- Glossaries
- Study guides
- AI Voiceover



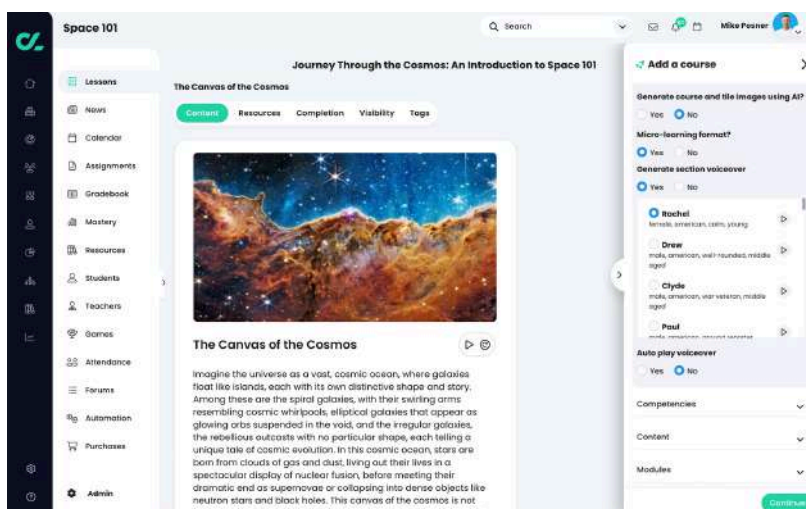
CYPHER AI 360 is a simple and packaged approach to AI. Control content by uploading your own resources – videos, PDFs, etc. – to create customized courses that use your terminology, branding, and style. Rest assured, all of this is private.

Specify writing style (academic, casual, humorous, etc.), automatically tag content by outcome and purpose, specify your audience (child, adult, etc.), specify AI-generated image style (photographic, digital art, analog film, etc.) and create your entire class in your native language (50+ languages are supported on our platform).

AI 360 takes care of 80% of the work required to design and curate classes, competencies and assignments, meaning teachers and administrators can focus their attention on the final 20%. The final 20% needs: human intelligence, validation of content and direction of the overall learning experience.

## AI-powered voiceover

Transform static lessons into engaging, multisensory experiences with CYPHER AI 360's cutting-edge voice synthesis capabilities. Explore 35+ voices or upload your own. Effortlessly navigate through lesson content. Combining visual and auditory learning enhances comprehension and listening to lessons can boost interest and engagement.

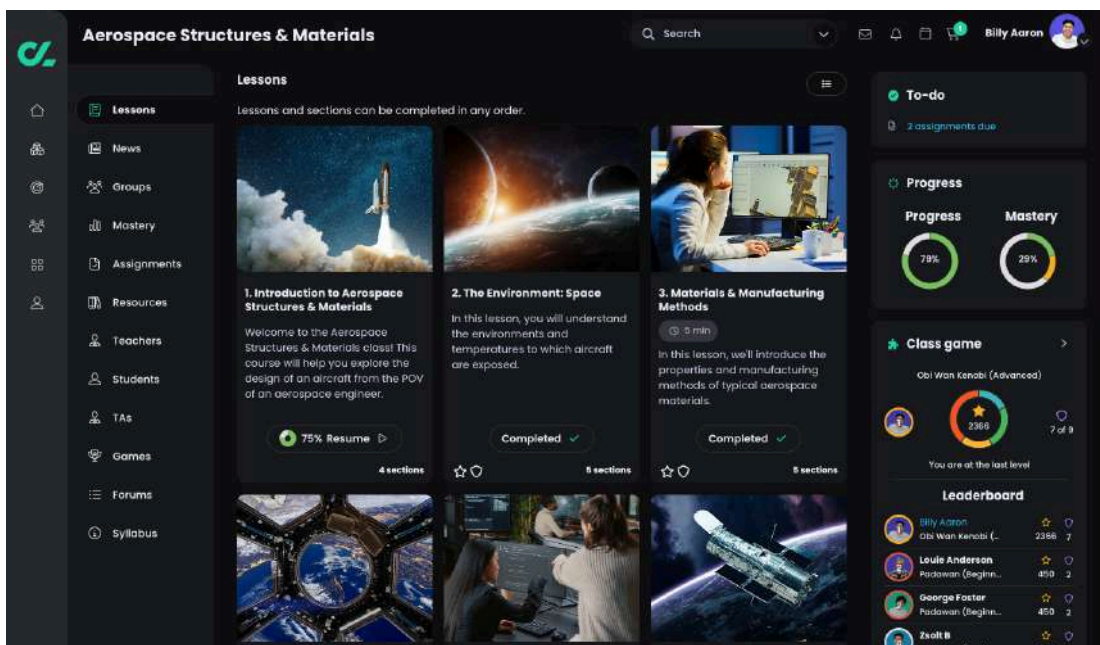






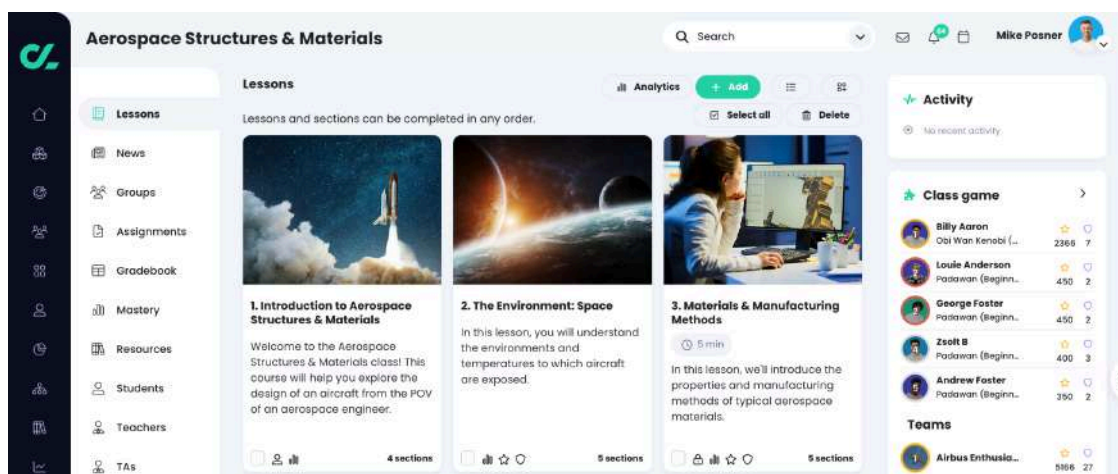
## Classes

Teachers can select the type of class that best suits their teaching style, whether it's blended, self-paced or teacher-led. Each class has useful features based on its style making it easy to create and deliver educational content. They can also create micro classes that are designed to be consumed in small pieces by students. For educators who teach multiple sections of the same class, save time by using our unique class sync feature to push changes from the master copy of a class to the others. Classes can be created based on templates that can be reused and stored in the Resources library.



## Built-in content authoring

Create engaging classes fast and without any technical knowledge using our built-in content authoring tool. Embed any kind of content and media including audio, video, Microsoft documents, Google Docs, and OneDrive files.

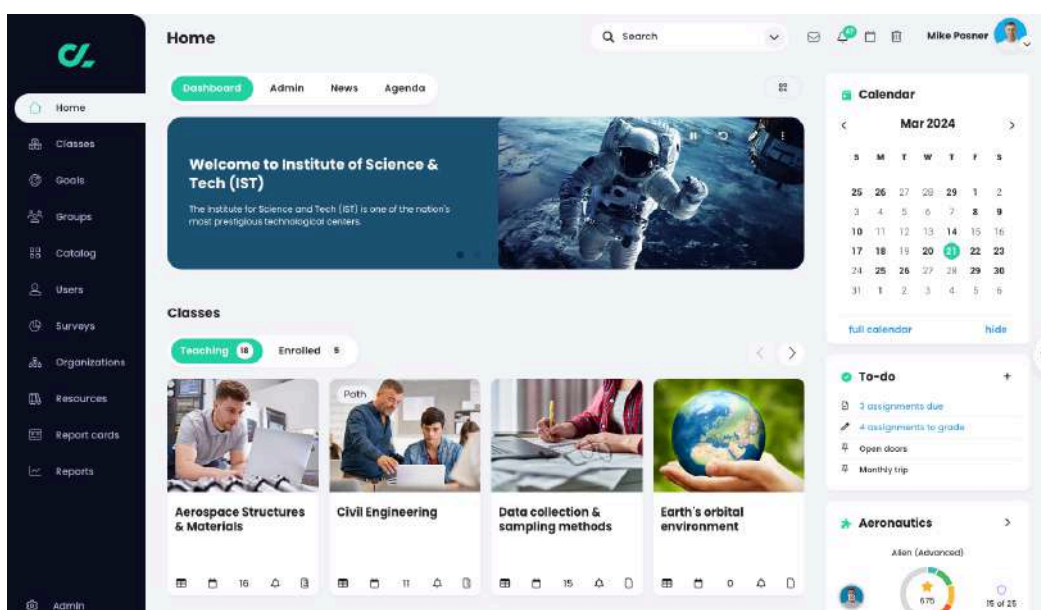




## Graphical dashboards

Our platform offers visually appealing tile-based Home dashboards tailored for students, teachers, and administrators. These dashboards grant users swift access to information pertinent to their respective roles. Designed with simplicity in mind, these dashboards deliver insightful data to teachers, empowering them to steer student progress and evaluate performance effectively.

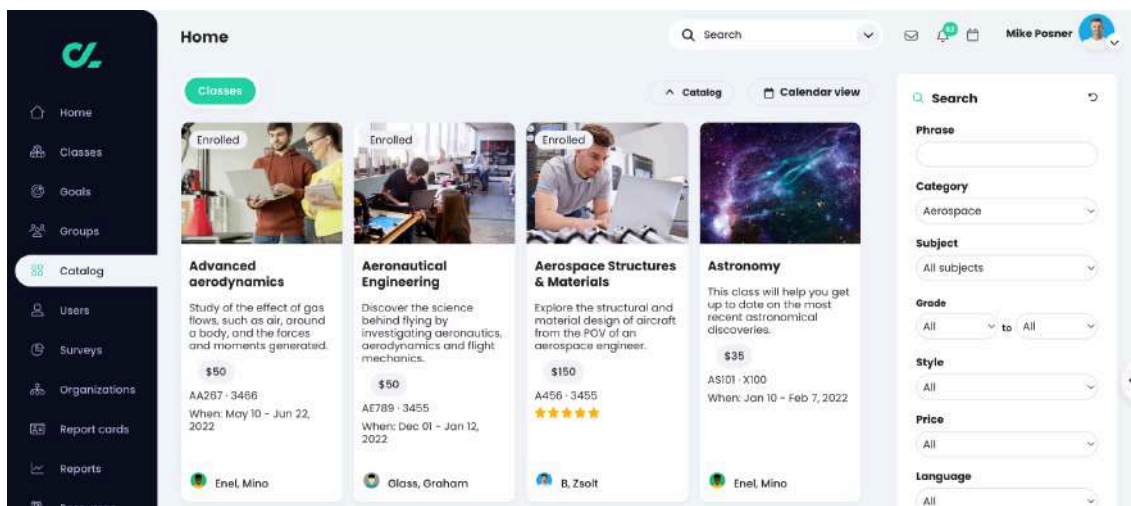
The value of these dashboards lies in their user-centric design and the actionable insights they provide. By offering an organized, easy-to-navigate interface, students, teachers, and administrators can quickly find the information they need. For teachers, these dashboards act as valuable compasses, highlighting crucial indicators that aid in shaping effective learning strategies. This streamlined access to essential data saves time and enhances decision-making, contributing to a more informed and efficient learning ecosystem.



## Graphical class catalog

Present classes in an easy-to-use, visually appealing catalog that helps students stay organized and skim personalized information. If e-commerce is enabled, you can also sell classes directly from the catalog.

Make it simple for students to find and understand classes while also offering the option to purchase them directly, boosting convenience and potentially increasing revenue.



## Automation

The CYPHER platform offers automation in numerous areas. Utilizing the capabilities of AI-driven tools, it handles the repetitive and monotonous tasks that facilitate skill enhancement, gamification, competency assignment, curriculum construction, induction, proficiency attainment, and other functions. Even in the absence of AI technology, we furnish over 25 automated functions that provide teachers and administrators with the invaluable resource of time. Time that can be devoted to teaching, channeling creativity, resolving issues, and engaging with students. For those aiming to optimize their time utilization, our AI-powered tools are at your disposal, enabling you to generate a comprehensive class complete with competencies, gamification, evaluations, and more—in just minutes.

| Enrollment actions   |              |
|--|--------------|
| Action   | Added        |
| ✉ Send the canned message: "enrollment"                                  | Sep 22, 2021 |
| 🏆 Award badge <a href="#">Luke Skywalker</a> for game Class game (Popup) | Sep 29, 2021 |
| Unenrollment actions   |              |
| Action   | Added        |
| ✉ Send the canned message: "unenrollment"                                | Sep 22, 2021 |
| 🔒 Hide assignment What do you expect to learn in this class              | May 25, 2022 |
| 🔒 Lock lesson Introduction to Aerospace Structures & Materials           | May 25, 2022 |





## Gamification

Move past badges. Elevate student engagement through the CYPHER platform's advanced gamification, encompassing awards, competition, and motivational elements. Employ leaderboards, periodic leveling, and game elements within classes and learning paths. Enable accumulation of individual, group, and site-wide points contingent upon participation, scores, and more. Bolstered by the world's most expansive gamification implementation, CYPHER caters to over 120,000 users. Seamlessly integrate gamification using our AI-driven tools, which automatically embed this feature. Infuse learning with enjoyment and rivalry via gamification, crafting games that allow students to amass points and badges upon accomplishing tasks throughout class activities. Customizable game levels, leaderboard tracking of student's' advancement, and personalized badge creation are at your disposal. Utilize this functionality to fashion class materials, learning journeys, comprehensive site-wide competitions, and collaborative team-based games.

| Levels                        | Points | Edit | Remove |
|-------------------------------|--------|------|--------|
| Padawan (Beginner)            | 300    |      | —      |
| Luke Skywalker (Intermediate) | 700    |      | —      |
| Obi Wan Kenobi (Advanced)     | 1000   |      | —      |

| Action   | Added        | Edit | Remove |
|--|--------------|------|--------|
| Send the canned message: "achieve level" (Popup) | Sep 28, 2021 |      | —      |
| Award 50 points for game Aeronautics (Popup)     | Nov 14, 2022 |      | —      |

| Leaderboard          | Points | Level |
|----------------------|--------|-------|
| Billy Aeron          | 3500   | 7     |
| Obi Wan Kenobi (...) | 2500   | 7     |
| Louie Anderson       | 450    | 2     |
| Padawan (Beginn...   | 450    | 2     |
| George Foster        | 450    | 2     |
| Padawan (Beginn...   | 450    | 2     |
| Zsolt B              | 400    | 3     |
| Padawan (Beginn...   | 400    | 3     |
| Andrew Foster        | 350    | 2     |
| Padawan (Beginn...   | 350    | 2     |
| Mike Posner          | 350    | 3     |
| Padawan (Beginn...   | 350    | 3     |
| Ann Jones            | 300    | 3     |
| Padawan (Beginn...   | 300    | 3     |
| Allina Toderescu     | 300    | 2     |
| Padawan (Beginn...   | 300    | 2     |
| Tina Lenards         | 300    | 2     |
| Padawan (Beginn...   | 300    | 2     |
| Al Stewart           | 250    | 2     |

## Adaptive learning

Leverage automation to dynamically personalize a class based on the previous actions of a student, enabling you to create adaptive learning modules, assignments, and learning paths. For example, if a student demonstrates existing mastery of a competency in an early quiz, you could automatically hide basic lessons and show more advanced ones instead. Additionally, the system can offer proactive recommendations, suggesting relevant materials and activities based on the student's progress and interests, further enhancing their learning experience.

| Action   | Added        | Edit | Remove |
|--|--------------|------|--------|
| Send the canned message: "class completion" (Popup)              | Sep 22, 2021 |      | —      |
| Award certificate <a href="#">Completion certificate</a> (Popup) | Sep 29, 2021 |      | —      |



## Learning goals, paths, and groups

The CYPHER platform's adaptive learning, enables educators to evaluate students' knowledge, skills, and preferences, resulting in customized learning paths. However, what truly sets CYPHER apart is our innovative approach called Learning Goals. Here, students take charge of their learning, driven by the desire to excel or acquire specific skills and knowledge. Learning Goals adopts a competency-based strategy, contrasting with adaptive learning's singular assignment approach. Starting with a digital profile and layering on learning goals, students embark on learning paths shaped by **multiple** assignments, ensuring mastery is thoroughly gauged. Upon mastery attainment, redundant content is excluded, preventing monotony by focusing on areas needing improvement.

For teachers, a comprehensive dashboard gauges mastery levels for individuals or groups. Collaborative learning takes center stage as students with similar learning goals are grouped together. This finely tuned approach delivers precise insights into competency mastery, enabling educators to showcase progress and validate personalized skills development. Teachers benefit from the CYPHER platform's learning paths, competency assignments, and automatic competency-content mapping. Over 2,500 preloaded competencies for academia expedite the process, allowing seamless competency-content mapping, assignment, and reporting in mere minutes.

Student engagement is driven by their pursuit of well-defined goals. Elevate student motivation by enrolling them in tailored learning paths, fostering a sense of purpose, and acknowledging their achievements through rewards. By integrating learning goals into the equation, individualized learning experiences gain momentum, while the inclusion of learning groups amplifies this effect by facilitating connections among students with similar objectives. This synergy between personalized learning paths and shared learning goals cultivates both individual growth and meaningful human connections, enriching the learning journey as a whole.

The screenshot displays the CYPHER Learning dashboard for the course "Aerospace Structures & Materials". The interface includes a sidebar with navigation options like News, Groups, Assignments, Gradebook, Mastery, Resources, Students, Teachers, TAs, Games, Forums, Syllabus, Purchases, and Admin. The main content area is titled "Lessons" and shows three lessons:

- 1. Introduction to Aerospace Structures & Materials**: Welcome to the Aerospace Structures & Materials class! This course will help you explore the design of an aircraft from the POV of an aerospace engineer. 4 sections.
- 2. The Environment: Space**: In this lesson, you will understand the environments and temperatures to which aircraft are exposed. 5 sections.
- 3. Materials & Manufacturing Methods**: In this lesson, we'll introduce the properties and manufacturing methods of typical aerospace materials. 5 sections.

A table below the first lesson lists sections with columns for Section, Required, Submitted, To grade, Hidden, and Duration:

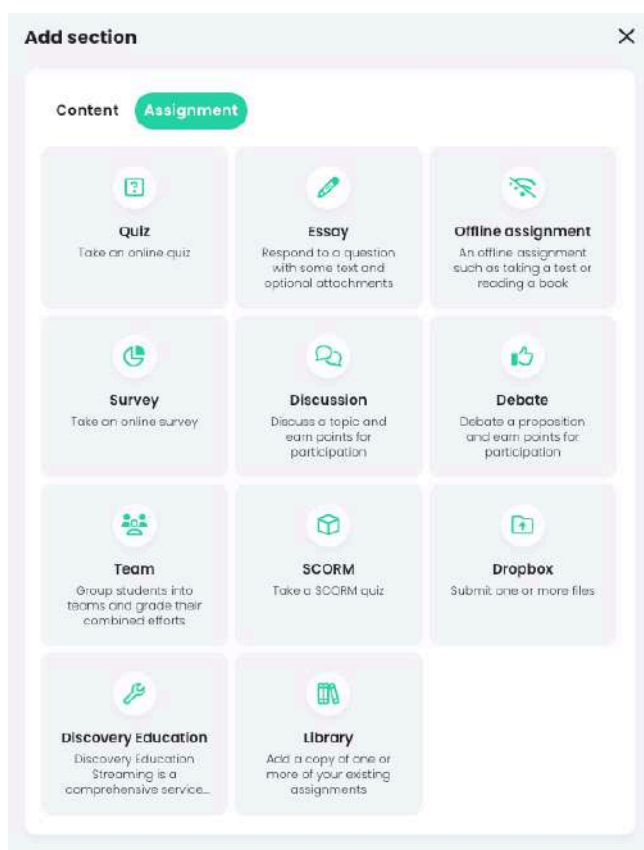
| Section                                   | Required | Submitted | To grade | Hidden | Duration |
|---|----------|-----------|----------|--------|----------|
| Introduction                              | ✓        |           |          |        |          |
| Motivation to join this course            | ✓        | 12        |          |        |          |
| What do you expect to learn in this class | ✓        | 12        |          |        |          |
| Proposition                               | ✓        |           |          |        |          |

On the right side, there are activity feeds for "Class game" (listing students like Billy Aaron, Louie Anderson, George Foster, Zsolt B, and Andrew Foster), "Teams" (listing teams like Airbus Enthusia... and Astronomy Wat...), and "Participation" (No players have points).

## Assessment

Choose from a diverse array of **16 assignment types**, encompassing quizzes, essays, debates, team projects, Dropbox assignments, discussions, surveys, H5P assignments, and more. Notably, our platform seamlessly integrates with Turnitin and Unicheck, offering robust plagiarism detection capabilities. Simplify the process of performance evaluation with our intuitive scoring and customization tools.

This comprehensive suite of assignment options is indispensable for teachers and administrators aiming to ensure precise and well-rounded evaluations of students' skills and knowledge. By providing a wide spectrum of assignment choices, educators can tailor evaluations to align with their teaching programs' distinct learning outcomes and objectives. Moreover, our **AI-powered tool** adds a layer of convenience, embedding quizzes and essays seamlessly into the learning experience. **Integrated plagiarism detection** tools fortify the assignment process, guarding against dishonest practices and ensuring integrity. The scoring and personalization tools streamline the assignment procedure, furnishing insights that guide teaching enhancements and individual skill development. Ultimately, this feature fosters an efficient learning ecosystem, equipping students with the essential skills and knowledge to succeed in the classroom and beyond..





## Gradebook

Grading is simplified using our reliable gradebook. See a centralized view of all grades and quickly add results and make changes. The gradebook includes pop-up analytics, where you can see the progress of your students through the assignments. Use rubrics to grade assignments and you can also export grades.

The screenshot shows the 'Gradebook' interface for the course 'Aerospace Structures & Materials'. The interface includes a sidebar with navigation options like Lessons, News, Groups, Assignments, Gradebook, Mastery, Resources, Students, Teachers, TAs, Games, Forums, Syllabus, Purchases, and Admin. The main area displays a table of student grades. The table has columns for Assignments, Category, Overall, and various assignment instances. The 'Overall' column shows average scores and letter grades for each student.

| Students            | Overall | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
|---------------------|---------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
| Asstot, Billy       | 85%     | A-  | 85  | 80  |     |     |     |     |     |     |     |     |     |     |
| Anderson, Louis     | 73%     | B-  | 88  | 60  |     |     |     |     |     |     |     |     |     |     |
| Al-Zork             | 84%     | B+  | 87  | 70  |     |     |     |     |     |     |     |     |     |     |
| Forster, Andrew     | 72%     | B-  | 70  | 0   |     |     |     |     |     |     |     |     |     |     |
| Forster, George     | 87%     | B+  | 80  | 100 |     |     |     |     |     |     |     |     |     |     |
| Gallo, Ursula       | 84%     | B+  | 84  | 90  |     |     |     |     |     |     |     |     |     |     |
| Jacob, Dylan        | 100%    | A+  |     |     |     |     |     |     |     |     |     |     |     |     |
| Johnson, Billy      |         |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Johns, Ann          | 97%     | A-  | 100 | 99  |     |     |     |     |     |     |     |     |     |     |
| Laronds, Tina       | 88%     | A+  | 81  | 99  |     |     |     |     |     |     |     |     |     |     |
| Mansfield, Benjamin | 84%     | B+  | 82  | 88  |     |     |     |     |     |     |     |     |     |     |
| Peasart, Mike       | 92%     | B+  |     | 100 |     |     |     |     |     |     |     |     |     |     |
| Saltschou, Jonathan | 80%     | B+  |     |     |     |     |     |     |     |     |     |     |     |     |
| Shawver, Al         | 88%     | A-  | 73  | 89  |     |     |     |     |     |     |     |     |     |     |
| Toderous, Alina     | 92%     | B+  | 82  | 74  |     |     |     |     |     |     |     |     |     |     |

## Mastery and skills / competencies

Leverage the CYPHER platform to scale competency-based learning and closely track skill development. Ensure seamless integration of class content with specific skills. Design tailored competencies, conveniently stored within the Resources library. CYPHER harmonizes content and assignments with competencies, enabling comprehensive progress tracking and skill mastery assignment. This comprehensive method enhances understanding by analyzing how well skills are addressed, ultimately fostering skill mastery.

We understand that competency mapping can be very time-consuming. CYPHER offers an AI-powered alternative. With a repository of over 2,500 competencies for academia (constantly expanding), we streamline the process. You can conveniently view student mastery progress in a single view, providing a unified perspective on the learning journey.

The screenshot shows the 'Mastery' interface for the course 'Aerospace Structures & Materials'. The interface includes a sidebar with navigation options like Lessons, News, Groups, Assignments, Gradebook, Mastery, Resources, Students, Teachers, TAs, Games, Forums, Syllabus, Purchases, and Admin. The main area displays a table of student mastery progress. The table has columns for Competencies, Proficiency to complete, Understanding of concepts, Related projects, Understanding high energy, Understanding ethics, Understanding flight, Understanding average, Space - the environment, and Upper atmosphere. The 'Proficiency to complete' column shows average scores and mastery percentages for each student.

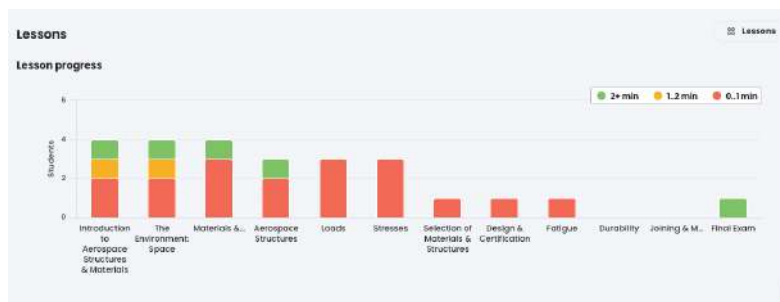
| Students            | Proficiency to complete | Understanding of concepts | Related projects | Understanding high energy | Understanding ethics | Understanding flight | Understanding average | Space - the environment | Upper atmosphere |
|---------------------|-------------------------|---------------------------|------------------|---------------------------|----------------------|----------------------|-----------------------|-------------------------|------------------|
| Student             | Average                 | 58%                       | 10%              | 88%                       | 68%                  | 82%                  | 82%                   | 84%                     | 80%              |
| Anderson, Louis     | 85%                     | 88%                       | 91%              | 85%                       | 95%                  | 95%                  | 95%                   | 95%                     | 89%              |
| Forster, Andrew     | 82%                     | 88%                       | 100%             | 86%                       | 90%                  | 92%                  | 88%                   | 90%                     | 88%              |
| Paul, Arjan         | 73%                     | 88%                       | 82%              | 76%                       | 75%                  | 75%                  | 77%                   | 82%                     | 80%              |
| Asstot, Billy       | 86%                     | 71%                       | 75%              | 78%                       | 65%                  | 88%                  | 89%                   | 84%                     | 93%              |
| Forster, George     | 86%                     | 88%                       | 82%              | 85%                       | 80%                  | 92%                  | 96%                   | 90%                     | 88%              |
| Jacob, Dylan        | 75%                     | 88%                       | 84%              | 77%                       | 68%                  | 88%                  | 88%                   | 79%                     | 82%              |
| Smith, Emma         | 82%                     | 88%                       | 90%              | 87%                       | 90%                  | 82%                  | 88%                   | 85%                     | 87%              |
| Forster, George     | 86%                     | 88%                       | 100%             | 90%                       | 87%                  | 92%                  | 96%                   | 90%                     | 88%              |
| Mansfield, Benjamin | 78%                     | 88%                       | 82%              | 79%                       | 88%                  | 82%                  | 87%                   | 81%                     | 88%              |
| Robinson, Jack      | 85%                     | 88%                       | 81%              | 89%                       | 85%                  | 88%                  | 90%                   | 84%                     | 84%              |
| Kier, J-Helen       | 84%                     | 88%                       | 100%             | 84%                       | 79%                  | 88%                  | 77%                   | 84%                     | 80%              |



## Analytics

Instantly access student progress analytics to identify areas needing extra support. Visualize insights through graphics for modules, assignments, mastery, completion, and more.

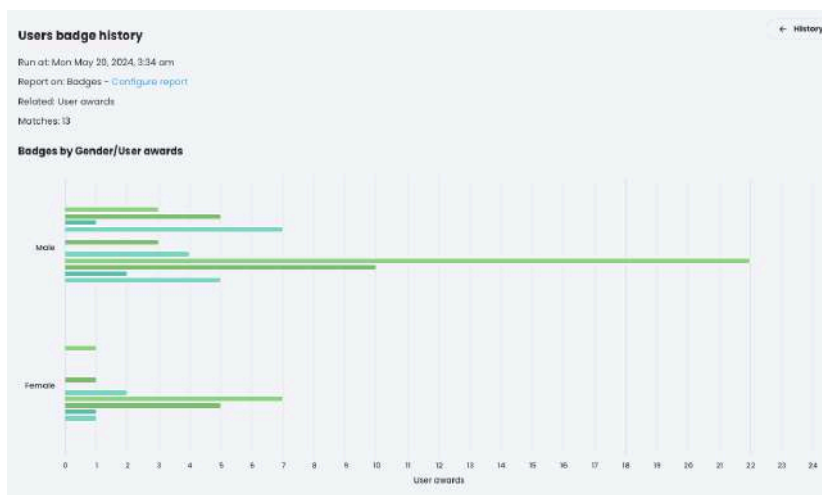
This tool is crucial for educators and administrators who want to enhance teaching outcomes. Rapid insights into student progress allow targeted support. Graphic visualizations provide a quick overview, guiding effective interventions. This data-driven approach allows educators to track student progress, participation and engagement, leading to improved skill development and effective lesson planning.



## Reporting

Attain critical insights through the generation of reports covering module progress, competency coverage, outstanding tasks, student engagement, class status, completion rates, and more. Utilize custom reports to focus on specific data categories, including users, classes, paths, and organizations. Enhance visibility by incorporating report widgets that display custom charts directly on the dashboard.

Make informed decisions. By accessing pertinent data through these reports, you can evaluate the effectiveness of your teaching programs and identify areas for improvement. Customizable reports allow a tailored analysis, supporting targeted interventions and refined strategies. The inclusion of report widgets ensures real-time visibility of key metrics, facilitating quick decision-making and proactive adjustments. Ultimately, this feature enables educators to optimize their teaching initiatives, align them with learning objectives, and drive better outcomes.



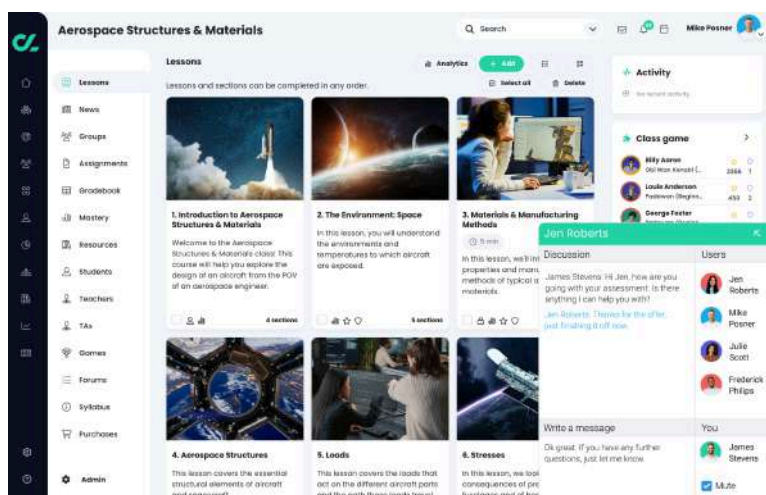




## Collaboration and communication tools

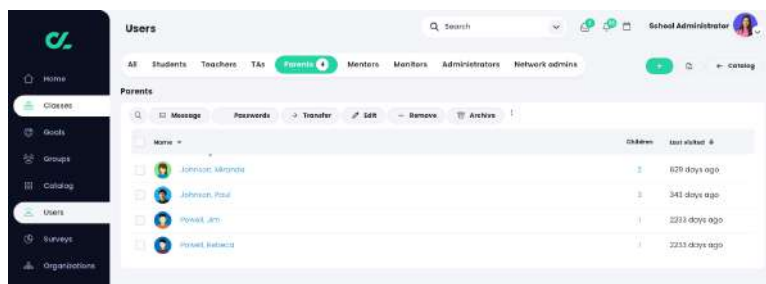
Our unique platform features a Universal Translator, enabling real-time communication in over 50 languages. Establish connections with individuals who share your learning objectives through wikis, forums, chat, scrolling real-time widgets, and the Green Dot activity indicator. We simplify the process of fostering human connections for both students and teachers, providing tools like groups, chats, wikis, forums, and web conferencing. Additionally, users can connect as friends and utilize our messaging system, receiving and responding to messages via email, further facilitating seamless interaction.

The significance of this lies in fostering meaningful human connections within the learning environment. The Universal Translator broadens the scope of interaction, transcending language barriers and facilitating global collaboration. Features like wikis, forums, and chats enable students to engage, discuss, and share insights, enhancing the sense of community and collective learning. The convenience of email-based communication ensures continuous engagement, even outside the platform. This emphasis on human connection promotes a supportive and collaborative atmosphere, enhancing learning outcomes and enriching the overall educational experience.



## Parents

Parents can use CYPHER to communicate with school staff and access their children's grades and track their progress. Parents have their own dashboard with tiles, which shows various statistics, such as classes and groups that the children are enrolled in, and links to their profile, grades, and calendar.

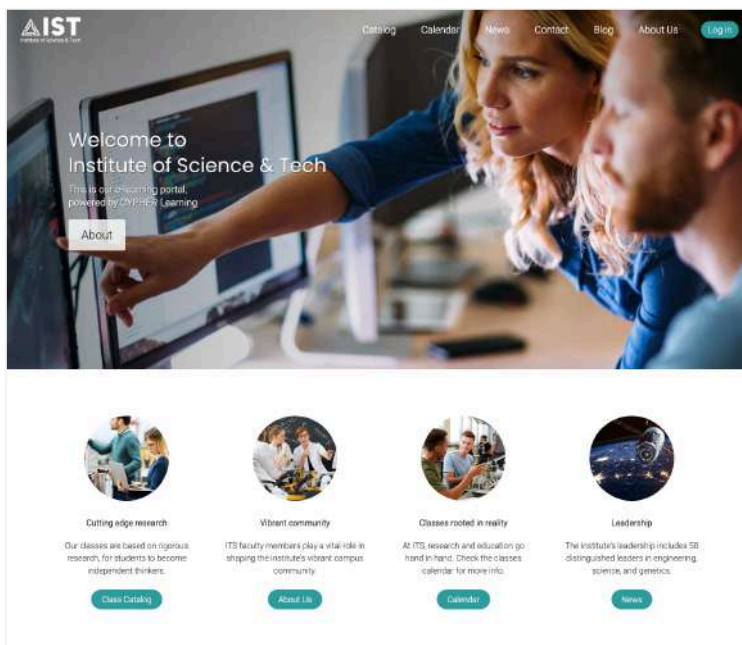




## Customization

Tailor CYPHER to reflect your school's unique identity by incorporating a personalized logo, color scheme, portal design, and other branding elements. The Organizations feature allows for enhanced personalization by configuring distinct visitor portals. These customized portals boast individual URLs, catalogs, logos, tailored pages, and more.

This customization capability is crucial for schools to align their learning materials with their school colors and logos. It ensures that students and partners experience a consistent and recognizable visual identity throughout their interactions with the platform. By offering schools the ability to create unique visitor portals, the platform becomes a versatile tool that not only delivers tailored content but also reinforces each school's distinct identity. This personalization not only enhances user engagement but also strengthens relationships, contributing to a more memorable and impactful learning experience.



## Mobile access

Our platform boasts full responsiveness, ensuring it delivers a seamless and appealing experience across various mobile devices. Additionally, we offer dedicated mobile apps for both iOS and Android, enabling users to enjoy the functionality of CYPHER while on the move and even offline. The offline mode grants users access to content they've previously viewed online, even when not connected.

This feature is immensely important as it aligns with the modern learning landscape, where students frequently access content through mobile devices. By providing responsive design and mobile apps, we ensure that students can engage with the CYPHER platform conveniently, regardless of their location or connectivity.



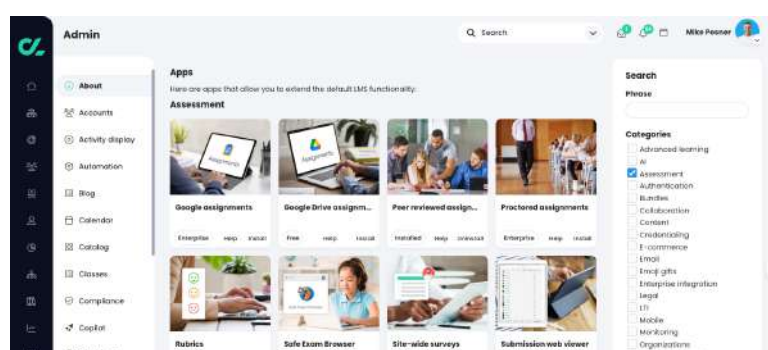


The offline mode further enhances accessibility, enabling uninterrupted learning experiences, even in areas with limited internet access. This adaptability and accessibility contribute to enhanced engagement, making learning more flexible and accommodating for users' diverse needs and preferences.

## Integrations and standards

Integrate your preferred learning tools effortlessly with the CYPHER platform. Unlock access to thousands of applications and services that seamlessly merge with our ecosystem. Connect seamlessly with third-party apps and tools to enhance your learning experience.

The significance of this integration capability lies in its power to streamline processes and optimize learning workflows. CYPHER offers diverse integration options tailored to your unique needs:



**Built-in integrations:** CYPHER seamlessly connects with essential systems like Google Drive, Google Workspace, MS Teams, Microsoft 365, OneDrive, GoTo Meeting, PayPal, Authorize.net, Stripe, Kaltura, and xAPI. You can also integrate with popular class catalogs including Coursera, edX, LinkedIn Learning, and Udemy through the App Center, rendering them in the Class Catalog. EdTech standards like LTI and SCORM are also included, ensuring a standardized learning environment.

**Zapier integrations:** With support for Zapier integrations, CYPHER empowers you to automate processes, link apps, and streamline workflows. This saves time, automates tasks, and boosts productivity across 5,000+ apps and services, all without the need for developer assistance or IT intervention.

**API 3.0 integration:** Experience the next level of connectivity with CYPHER API 3.0 integration, offering a streamlined and powerful experience that overcomes the limitations of backwards compatibility. Our latest release brings enhanced features and simplifications, designed to deliver a more efficient and user-friendly experience. API 3.0 offers REST API advantages, with stateless operations, scalability, and support for multiple types of calls, making it ideal for integration with modern web applications. Compliant with the OpenAPI 3.0 standard, API 3.0 ensures a well-defined structure and documentation, providing enhanced clarity, standardized design, and an improved developer experience. The user-friendly interface makes it easy to explore and test API endpoints, while broad tooling support makes integration and development workflows effortless.





**Connect by CYPHER:** Simplifying workflow integration, Connect is a pre-built integration tool that seamlessly ties our learning platform with thousands of enterprise applications, including HRIS and CRMs. From simple tasks to complex workflows, you can swiftly create Connect workflow integrations through a user-friendly graphical interface. This enables smooth data flow between applications, aligning with your business scenarios without requiring IT support.

**Standards:** CYPHER adheres to leading industry standards such as LTI, CCF, SMTP, LDAP, SCORM, H5P, QTI, and more. This ensures compatibility with a wide range of tools, promoting consistency and seamless interaction.

**How LTI works:** LTI, or Learning Tools Interoperability, is a standard developed by the 1EdTech Consortium. It allows different courseware and learning tools from various providers to be used within a learning platform. This technical standard, not a product, facilitates the integration of learning tools within an organization's learning environment.

With CYPHER, classes made on our platform can be shared with any Learning Management System (LMS) using the LTI standard. Unlike most LMSs, CYPHER serves as both an LTI consumer (embedding LTI tools) and an LTI provider. This means that classes created on CYPHER can be easily shared with other LMS providers that use LTI, streamlining content distribution and scaling.

## Detailed features list

### Adaptive learning

Personalize classes dynamically

Hide / show lessons based on assignment scores and mastery

Seamlessly integrated with the automation system

### Administration

App center

Super admin, administrator, teacher, student, teaching assistant, parent, monitor, and mentor account types

One-click custom permissions grid

Custom roles

Custom account fields

User tagging



|  |
|--|
| Trash can  |
| Bulk import / export   |
| User popups  |
| Session timeouts   |
| Prevent simultaneous logins  |
| Policy documents (including terms and conditions, cookie policies) |
| Communications monitoring  |
| Login history  |
| Inactivity management  |
| Network / Campus support   |
| Various SSO options (see integrations)                             |
| Resell under your own brand (Add-on)                               |

## Analytics and reporting

|   |
|---|
| Completion progress                             |
| Basic analytics                                 |
| Time tracking                                   |
| Student activity timelines                      |
| Advanced analytics                              |
| Canned reports                                  |
| Ad-hoc reporting                                |
| Integrate dashboard widgets with ad-hoc reports |
| Reports history                                 |
| Saved and scheduled reports                     |
| Compliance management                           |

## Artificial Intelligence (Included with AI 360)

|                                    |
|------------------------------------|
| Class creation                     |
| Turn uploaded content into classes |
| Class tone options                 |



|   |
|---|
| Class level options                     |
| Skills / Competency tagging and mapping |
| Assessment creation                     |
| Question bank creation                  |
| Rubric creation                         |
| Gamification                            |
| Outlines, descriptions                  |
| Class content and lessons               |
| Image creation                          |
| Group project                           |
| Study guides                            |
| Glossaries                              |
| Voiceover                               |
| AI Crosscheck                           |

## Assessments and grading

|   |
|---|
| Gradebook   |
| Quiz, essay, survey, dropbox, debates, team assignments and many other assignment types |
| Rubrics   |
| Point grading scales  |
| Portfolios  |
| Grading scales per school, class, and assignment  |
| Personalized assignments  |
| Printable attendance forms  |
| Export attendance data  |
| Embedding and annotation of student submissions   |
| Proctored assignments   |
| Plagiarism detection via integration with Turnitin or Unicheck                          |
| SCORM assignments   |
| Custom LTI assignments  |
| H5P assignments   |



|  |
|--|
| Peer reviewed assignments                                    |
| Extended Grading Scales                                      |
| Option to display extra credit scores as points              |
| Option to automatically give assignments on their start date |

## Automation

Integrated rules engine with point and click interface

Set rules at the class, group, path, and site level

Execute one or more actions when a rule is triggered

Rich set of rule actions to choose from

Rule browser

Tagging automation

Automated messages to AWS message queues

## Backups

Automated on-site and off-site data backups

Export account and assignment scores as CSV for backups

Export classes as Common Cartridge for backups

## Class catalog

Graphical tile and text views

Display classes, paths, bundles, subscriptions, and digital media

Integrated e-commerce (Included in E-commerce bundle)

Support for nested categories and cross-listings

Alphabetical ordering or customize using drag and drop

Catalog search

Options for featured classes, category links, and custom content

Define items that will show in the class catalog using visibility filters

Calendar view of classes



| Classes   |
|---|
| Self-paced classes  |
| Teacher-led and blended classes   |
| Third party content via the class catalog (Coursera, edX, LinkedIn Learning, Udemy) |
| Drag and drop class dashboard widgets   |
| Class dashboard welcome widget  |
| Class dashboard   |
| Splash pages  |
| Class templates   |
| Class content synchronization   |
| Table of contents   |
| Class syllabus  |
| Checkbox sections   |
| Time limits for classes   |
| Time tracker - track training time  |
| Drip content  |
| Waitlists   |
| Required video completion   |
| Certificates of completion  |
| Class prerequisites   |
| SCORM   |
| HP5   |
| Ratings and reviews   |
| Class archival  |
| Seating charts  |
| Compliance features   |
| Option to reorder classes in the Home / Teaching and Home / Enrolled areas          |



|  |
|--|
| Personalized sections                        |
| Class auto-play                              |
| Bulk lock / unlock of classes                |
| Optional completion requirements for lessons |

## Collaboration and communication

|   |
|---|
| Graphical resources catalog   |
| Groups  |
| Social networking   |
| Community groups  |
| Activity feeds  |
| Collaboration tools (chat, wikis, forums, blogs)                          |
| Built-in messaging system with email integration, CC, BCC, and forwarding |
| Calendaring   |
| Display of online users   |
| Use with your favorite web conferencing product                           |
| Calendar integration with Web conferencing                                |
| Automatic translation of communications                                   |
| Group catalog filters   |
| Scheduled forum postings  |
| Custom pop-up notifications   |
| Add to-do items using automation  |

## Content authoring

|  |
|--|
| Modern HTML editor   |
| Image editor   |
| Equation editor  |
| Save / reuse / share HTML fragments directly from the editor |
| Spell check  |
| Embed web conferencing meeting links                         |



|  |
|--|
| Embed PDF, PPT, and other common formats into a web viewer |
| Record audio from browser                                  |
| Record video from browser                                  |
| Video transcoding  |
| Mini-html editor for phones                                |
| Slower / higher video playback speed                       |
| Closed captions for videos                                 |
| Virus scanner for all uploads                              |

## Customization

|   |
|---|
| Custom logo   |
| Custom color scheme                                       |
| Customizable terminology                                  |
| Customisable portal                                       |
| Visual portal editor                                      |
| Customizable welcome widgets for home and class dashboard |
| Use your own URL  |
| Custom CSS  |
| Use your own email server                                 |
| Branded mobile apps (Add-on)                              |
| Customizable body and heading fonts                       |
| Simple portal editor                                      |

## E-commerce (Included in e-commerce bundle)

|   |
|---|
| Shopping cart                           |
| Abandoned shopping cart recovery        |
| Sell classes                            |
| Sell learning paths                     |
| Bundles                                 |
| Subscriptions (requires Stripe gateway) |
| Digital media                           |



|  |
|--|
| Coupons  |
| Bulk purchases                                 |
| Customizable PDF invoices                      |
| PayPal basic and professional payment gateways |
| Stripe payment gateway                         |
| Authorize.net payment gateway                  |
| Flywire payment gateway                        |
| PagSeguro payment gateway                      |
| PayUbiz payment gateway                        |
| PayU Latam payment gateway                     |
| YooMoney payment gateway                       |
| Mercado Pago payment gateway                   |
| Telr payment gateway                           |
| Conekta payment gateway                        |
| PCI compliant                                  |
| VAT support                                    |
| Integrated with automation system              |
| Option to lock payment gateway settings        |
| Per-organization currencies                    |
| Avalara integration                            |
| TaxJar integration                             |

## Gamification

|   |
|---|
| Badges gallery and badge builder          |
| Custom game levels                        |
| Use automation to award points and badges |
| Customizable leaderboard                  |
| Class, path, and site-wide games          |
| Group players into teams                  |





## Help

Community support

Guides and how-to videos

Rapid-response technical support

Student help desk

Auto translated online help

## Integrations

Integration with 1,500+ popular apps via Zapier

Google Meet web conferencing

GoTo Meeting web conferencing

GoTo Training web conferencing

GoTo Webinar web conferencing

MS Teams web conferencing

Webex web conferencing

Zoom web conferencing

Google Assignments

Google Drive

Google Fonts

Google Workspace SSO

OneDrive and OneDrive for Business

MS Immersive Reader

OneNote LTI Integration

Turnitin

Unicheck

Safe Exam Browser

Auth0 SSO

Custom SSO

Microsoft 365 SSO

OAuth 2.0 SSO



|                          |
|--------------------------|
| IlliniCloud SAML SSO     |
| SAML 2.0 SSO             |
| H5P                      |
| Webhooks                 |
| Equella                  |
| CometChat                |
| MathJax                  |
| Kaltura                  |
| Panopto                  |
| Mailchimp                |
| Public LTI tools library |
| Coursera                 |
| edX                      |
| LinkedIn Learning        |
| Udemy                    |
| Amazon Alexa             |

## Learning goals

|  |
|--|
| Autonomous goal setting by the learner   |
| Autonomous goal tracking by the learner  |
| Personalized class recommendations       |
| Progress tracking toward mastery         |
| Administrative control and grouping      |
| Insights into skill / competency mastery |

## Learning paths

|  |
|--|
| Create classes where you can add as goals other classes and certificates   |
| Create paths that combine class and certificate goals with other kinds of sections such as content pages and assignments |
| Define the order that the items must be completed  |
| Track progress towards the goal  |



|   |
|---|
| Certificates of completion                    |
| Integrated with automation system             |
| Path templates                                |
| Path archival                                 |
| Personalize path goals                        |
| Sell learning paths through the class catalog |

## Marketing features

|                          |
|--------------------------|
| SEO features             |
| Social media integration |
| Affiliate programs       |
| Mailchimp integration    |

## Mastery and skills / competency-based learning (Included with AI 360)

|  |
|--|
| Create or upload skills / competencies                         |
| Associate skills / competencies with a class                   |
| Tag lessons and assignments with skills / competencies         |
| Associate skills / competencies with individual quiz questions |
| Associate skills / competencies with rubrics                   |
| Track and view student skill / competency                      |
| Coverage analysis  |
| Integrated with automation system                              |

## Micro learning (Included with AI 360)

|  |
|--|
| Micro classes                              |
| Streamlined format for bite-sized learning |
| Class creation                             |
| Turn uploaded content into classes         |
| Class tone options                         |
| Class level options                        |



|   |
|---|
| Skills / competency tagging and mapping |
| Assignment creation                     |
| Question bank creation                  |
| Rubric creation                         |
| Gamification                            |
| Outlines, descriptions                  |
| Class content and lessons               |
| Image creation                          |
| Group project                           |
| Study guides                            |
| Glossaries                              |
| Voiceover                               |
| AI Crosscheck                           |

## Open API

|   |
|---|
| Create any number of individually customizable API keys         |
| Admin user interface for managing API keys                      |
| Enable / disable API keys                                       |
| Set expiration dates for API keys                               |
| Limit API key access to a specific set of IP addresses          |
| Specify the set of methods that can be invoked for each API key |
| Open source clients   |

## Organizations and teams

|                          |
|--------------------------|
| Organizations            |
| Per-organization portals |
| Teams                    |
| Support for job titles   |

## Quiz system



|   |
|---|
| Modern user interface including drag and drop                                       |
| 8 types of question, including true / false, multiple choice and fill-in-the-blanks |
| Hotspot question type   |
| Freeform questions that may be manually scored by teachers                          |
| Timed quizzes   |
| Question banks  |
| Multiple question banks per quiz  |
| Multiple criteria for how questions should be selected from each bank               |
| Select questions based on tags  |
| Select questions based on skills / competencies                                     |
| Option to randomize question order  |
| Option to provide scoring and feedback as you go, or all at once at the end         |
| Option to review quiz responses before submitting                                   |
| Option whether students see the correct answers at the end                          |
| Option to select latest score or best score   |
| Analytics on quiz results   |
| Import / export question banks using the QTI standard                               |
| Quiz autocomplete on retake   |

## Security

|  |
|--|
| All web pages and videos served over HTTPS     |
| Encrypted personal passwords                   |
| Encrypted URLs to prevent unauthorized sharing |
| 2 factor authentication                        |

## SIS integration (Add-on)

|  |
|--|
| Sync with most popular SIS via our partnerships with Clever and Kimono |
| Special API for direct high volume SIS sync                            |
| Admin area for browsing SIS contents and history of SIS syncs          |
| Schedule automated SIS sync  |



## Skills development (Included with AI 360)

Add skills / competencies as learning goals

Add jobs as learning goals

Allow students to add their own learning goals

Automated actions when completing goals

Recommendations engine

Q&A forum

Goals widget on the dashboard

Goals section on the user profile page

Goal overview dashboard

## Standards

Common cartridge import / export

H5P

iCal

QTI question bank import / export

LDAP

LTI

SCORM

SMTP / POP3

xAPI

AWS Technical Validation compliant

Children's Online Privacy Protection Act (COPPA) compliant

EU-US Privacy Shield compliant

FERPA compliant

FIPS 140-2 compliant

GDPR compliant

HIPAA compliant

PCI compliant

Protection of Pupil Rights Amendment (PPRA) compliant



|  |
|--|
| SOC 2 Type 2 compliant                               |
| TX-RAMP Certified Fast Track with Level 1 acceptance |
| WCAG 2.1 Level AA                                    |

## Storage

|                                  |
|----------------------------------|
| Unlimited storage                |
| Max individual file size (2 GB)  |
| Unlimited archiving of students  |
| Message retention (2 years)      |
| Notification retention (1 month) |
| Feed retention (6 months)        |
| Chat retention (6 months)        |
| AWS Content Delivery Network     |

## User experience

|  |
|--|
| Graphical dashboards                         |
| Beautiful, modern, easy-to-use interface     |
| Fully responsive design works on all devices |
| Drag and drop dashboard widgets              |
| Native mobile apps for iOS and Android       |
| Offline mode for native apps                 |
| Graphical profile pages                      |
| Public profiles                              |
| Avatars and profile pictures                 |
| Accessibility features (WCAG 2.1 AA)         |
| Support for 50+ languages                    |
| Animated activity indicators and widgets     |
| Dark mode                                    |
| Home dashboard welcome widget                |
| Support for zero-widget layouts              |
| Customizable profile background              |



## Technology used and performance

Our LMS is a 100% cloud-hosted solution that uses the Amazon cloud and Microsoft Azure for its infrastructure. Every part of our architecture is designed for fault-tolerance and resilience, and is built using Ruby on Rails, the most popular software framework for building modern applications.

Every software and hardware component has copies in more than one Amazon data center, with automatic failover in case one of the Amazon data centers has a problem. We perform automatic daily backups for disaster recovery, and these backups are stored in multiple locations for extra redundancy. We are happy to share more details of our systems architecture if you are interested.

We use the popular NewRelic monitoring system, as well as the AWS console and a 24/7 system administrator to keep our site running well.

We provide a dedicated [system status page](#) where you can check the real-time status of our platform. This page is regularly updated to provide you with the latest information on system performance, incidents, and any ongoing maintenance activities. In the past 12 months, our average uptime has been 99.999%.

We release new features several times a week, and we use Phusion Passenger to provide live rolling releases so that new features can be released without any site glitches. We always post notices of each new feature to our support forum. We release a public roadmap every quarter that details all the features that are scheduled for that quarter.

We have a public suggestions box where our customers regularly suggest new features for future roadmaps.

## Customer service and support

At CYPHER Learning, we offer a comprehensive range of services and support - **CYPHER Care** - to help you get the most out of your learning platform. Whether you're setting up for the first time, scaling your programs, or optimizing existing systems, our dedicated team ensures your success every step of the way.

Our site includes a built-in student help desk feature that allows you to respond to internal requests from your students, as well as the ability to override the help button so that help requests are forwarded to an external help desk if required.

We also have a Help Center that includes searchable help topics for each account type, how-to videos, getting started guides, a product news forum, a suggestions forum, and a link to our roadmap.

From technical troubleshooting to training resources, our tiered support plans provide the tools and guidance you need to keep your LMS running smoothly and effectively.





- **Comprehensive support plans:** Tiered options for fast technical support, advanced tools, and 24/7 global assistance.
- **Training resources:** Learning materials to continuously train your students.
- **Advanced tools:** Access to development sandboxes and additional features for experimentation and growth.

| Features                             | Standard support | Enterprise support |
|--------------------------------------|------------------|--------------------|
| Online knowledge base                | ✓                | ✓                  |
| CYPHER Community                     | ✓                | ✓                  |
| 24/7 AI support                      | ✓                | ✓                  |
| 24/7 ticket submission               | ✓                | ✓                  |
| CYPHER Admin certification           | ✓                | ✓                  |
| Initial response: Security level 1   | 90 minutes *     | 30 minutes         |
| Initial response: Security level 2   | 4 hours *        | 1 hour             |
| Initial response: Security level 3   | 6 hours *        | 2 hours            |
| Follow-up response: Security level 1 | 12 hours *       | 4 hours            |
| Follow-up response: Security level 2 | 16 hours *       | 10 hours           |
| Follow-up response: Security level 3 | 16 hours *       | 10 hours           |
| Phone support                        |                  | ✓                  |
| Dedicated Customer Service Manager   |                  | ✓                  |
| Professional service hours           |                  | 8                  |
| Active ticket review                 |                  | ✓                  |
| Sandbox                              |                  | ✓                  |

\* During business hours

With these services, CYPHER Learning ensures that our platform is not just a tool but a driver of growth and success for your school. Let us help you achieve your learning goals with confidence!

For more information: [www.cypherlearning.com/cyphercare](http://www.cypherlearning.com/cyphercare)



## Global support

### **On-going support for LMS administrators and teachers**

CYPHER Learning offers 24/7 full support. Our support is mainly provided through forums and email to LMS Administrators, teachers, and other users from different institutions. This approach has proven to be the most effective for our customers and support staff. Forums provide an efficient way to answer questions and resolve issues by allowing easy sharing of links, screenshots, videos, and other detailed information. On average, we respond to support requests within 15-20 minutes. We provide email and phone support to customers enrolled in our Enterprise support plan.

CYPHER Care is a complete suite of support and services designed to assist organizations in maximizing the value of their CYPHER investment. The program aims to facilitate a smooth adoption of the platform through strategic guidance and technical support, to help ensure a seamless learning experience. CYPHER Customer Success Managers (CSM) and CYPHER Solution Architects can assist in overcoming learning challenges, both simple and complex, by identifying opportunities for improvement.

### **On-going support available to students and all users**

The Help Center is available to all the platform users, including other institutions' users. Students, teachers, and LMS Administrators will have access to the Help Center, which includes searchable help topics for each account type, Getting Started Guides, how-to videos, a product news forum, a suggestions forum, and a link to our roadmap.

It is important to note that the platform supports an automated password reset functionality for students to be able to reset their password if they've lost it or forgotten it. Our platform offers a built-in Help Desk feature that allows you to assist your students with any questions they may have. If you wish, you can also choose to redirect the Help Desk link to an external tool like Zendesk for added convenience.

### **Multi-tiered support**

If you want to enable your own support within your staff, we can deploy a multi-tiered support framework that allows you to escalate any tickets to CYPHER Support with a click. Metrics and automation would be enabled to facilitate a streamlined multi-tiered support framework.

## Geographical locations

The platform is deployed in over 23 countries. We support 50+ languages.

## Accessibility

At CYPHER, we are deeply committed to ensuring equal access to educational opportunities for all students. We firmly believe that every individual should have the opportunity to learn and showcase their abilities, even if they require specific accommodations. With this in mind, the CYPHER platform has been specifically designed to provide comprehensive support for users with disabilities or



impairments, aligning with the WCAG 2.1 Level AA requirements and with global initiatives like the [WCCC Web Accessibility](#) Initiative.

CYPHER is dedicated to continuously enhancing our platform's accessibility, ensuring an inclusive and equitable learning environment for every user.

To this end, we have implemented an array of accessibility features that cater to diverse learning needs:

### **Accessibility themes**

- Recognizing the importance of visual adaptability, we offer users the option to choose an "accessibility" theme alongside the default setting. This customization is accessible through user profile settings.
- An administrator can enable the accessibility theme for the users by configuring it to the Admin Portal and enabling the "Allow users to select separate accessibility theme via their profile settings" option. Users can choose to use the accessibility theme via their profile settings.
- CYPHER provides an underlined links setting which, when activated, makes links easily discernible for those with vision impairments.

### **AI-powered voiceover**

The CYPHER AI 360 voiceover capabilities can transform micro courses into multisensory experiences to enhance engagement and inclusivity. Voiceover aids users with visual impairments, dyslexia, ADHD, and other disabilities.

### **Other accessibility features**

- CYPHER provides skip-to-content shortcuts, making keyboard-only navigation easier.
- CYPHER provides hidden screen reader text, making navigation using a screen reader easier.
- The CYPHER platform connects with MS Immersive Reader, enabling anyone with reading disabilities, such as dyslexia, to make their reading easier.
- The HTML editor includes an Alt text field, empowering content creators to furnish descriptive captions for embedded images. This feature enhances the learning experience for visually impaired users.
- Calendar accessibility: The calendar feature offers an Agenda View, presenting events in a streamlined list format. This design simplifies navigation for users who benefit from straightforward, concise content presentation.

### **Search functionality**

Easily helps students to find specific classes, and materials based on keywords, title, delivery format, and other tagged identifiers.

### **Light and dark mode**

Users can easily toggle between light and dark screen backgrounds for optimal visual comfort.



## Implementation services

CYPHER Learning implementation services are meticulously designed to guide you every step of the way, ensuring a smooth transition and a successful launch. Our expertly crafted 8 step implementation plan is designed to get your system up and running swiftly and effectively.

### Step 1: Preparation and kick off

| Task                         | Expectation from CYPHER  | Expectation from client  |
|------------------------------|--|--|
| <b>Organize Project Team</b> | Discuss: Project scope, project roles and responsibilities, timeline, communication plan, resource allocation, QA, risk assessment | Active participation, communication, feedback and input, approvals, decision-making, scope changes, contract and agreement signing |
| <b>Project Kick-off</b>      | Schedule kick-off meeting  | Attend kick-off meeting  |

### Step 2: Establish project administration and finalize project plan

| Task                                    | Expectation from CYPHER  | Expectation from client   |
|---|--|---|
| <b>Establish Project Administration</b> | Review task assignment, progress tracking, issue resolution, updates, QA                           | Accessibility, review and feedback, approvals, issue reporting, communication, commitment                     |
| <b>Finalize Project Plan</b>            | Project plan document, resource allocation, risk assessment, QA, communication plan, client review | Review and approval, alignment, communication and feedback, timely decisions, commitment, communicate changes |

### Step 3: Configuration/Training

| Task   | Expectation from CYPHER   | Expectation from client  |
|--|---|--|
| <b>Technical/Business/Functional Requirement Gathering</b> | Requirements identification, stakeholder engagement, alignment of project goals, scope definition | Availability for meetings, active participation, feedback and clarification, scope confirmation, alignment with business goals |



|   |  |  |
|---|--|--|
| <b>Platform Setup and Configuration</b>           | Requirements gathering, technical discussion with the stakeholder                | Participation in the discussion, alignment in the configuration, provide use cases |
| <b>Training (project team, admin, instructor)</b> | Assist with training material preparation, conduct TNA, scheduling, feedback, QA | Availability, active participation, feedback                                       |

#### Step 4: Platform integration

| Task                                     | Expectation from CYPHER   | Expectation from client   |
|--|---|---|
| <b>Begin API Mapping and Integration</b> | Requirements scoping, introduce stakeholders to CL support team, facilitate meeting, documentation, communication | API choice, provide requirements and participate in data mapping, testing, feedback, participate in alignment meeting |

#### Step 5: Content and data migration

| Task                                      | Expectation from CYPHER   | Expectation from client   |
|---|---|---|
| <b>Content and Data Migration scoping</b> | Migration plan, data mapping, content transfer, testing and review, validation, documentation | Data identification, data handover, testing and validation, alignment and communication |

#### Step 6: User acceptance testing and refinement

| Task                           | Expectation from CYPHER  | Expectation from client  |
|--------------------------------|--|--|
| <b>User Acceptance Testing</b> | Test planning, test environment setup, test cases, issue resolution, assist with test documentation, communication | Participation, testing environment access, clear requirements, feedback, alignment, prepare test documentation |



## Pricing

To find out more about our pricing plans, please chat to our sales team.

## Conclusion

Our CYPHER Learning platform isn't just another LMS solution; it's the embodiment of our dedication to our partners. We recognize that our success is intertwined with yours, which is why every facet of our platform is crafted with an intimate understanding of your needs. Every member of the CYPHER team is fueled by a collective aim: to harness their unparalleled expertise and ignite human potential through education.

We've observed the limitations of conventional learning systems and challenged ourselves to redefine those boundaries. With CYPHER, you're not just getting an LMS; you're accessing the future of learning: AI-Driven Insights: Our AI 360 bundle brings to the table some of the most refined AI capabilities in the industry, making learning intelligent and proactive.

- **Unparalleled gamification:** We're proud to lead the world's most expansive gamification initiative, engaging over 120,000 users.
- **Tailored skill development:** Our system prioritizes personalized growth, using a competency-based approach that's not just innovative but also scalable.
- **Social learning revolutionized:** We've woven an all-encompassing social learning fabric that includes features like messaging, chat rooms, blogs, forums, and much more, fostering a rich, community-driven learning experience.
- **Intuitive interface:** At CYPHER, we believe that powerful technology doesn't have to compromise on aesthetics. Our platform is as visually appealing as it is functional.
- **True global reach:** We've integrated a universal translator for real-time communication, making interactions smooth across 50+ languages. Plus, our AI 360 feature allows class creation in all these languages, ensuring no one is left behind.
- **Beyond basic automation:** We've transcended the rudimentary automation of traditional LMSs, introducing platform-wide, intuitive automation.
- **Expansive integration capabilities:** Collaboration is at our core, and we ensure that by offering myriad ways to seamlessly integrate with over a thousand external applications and systems.

Your goals become our mission. Let's redefine the future of education together, harnessing the true power of technology to uplift and transform.

**For more details about CYPHER Learning, please visit:**

[www.cypherlearning.com](http://www.cypherlearning.com)