IN-CLASS. AT-HOME. BLENDED LEARNING





THE MOST ADAPTIVE LITERACY EXPERIENCE

PATENTED EDUCATIONAL E-READER PLATFORM
US Pat No.: 10.109.213

LightSail Education is committed to creating a world in which people maximize their potential through literacy.

Our comprehensive, standards-aligned, literacy platform with multi-modal functionality maintains an active program of engagement with students on their reading and writing-to-learn journey throughout elementary, middle, and high school.

LightSail's instructional and administrative tools balance the district and educator's needs for ease-of-use, versatility, pedagogical rigor, and value with the student's need for an engaging, motivational, content-rich and diverse literacy experience.



OUR INTEGRATED MODULES FOR LITERACY OUTCOMES ACHIEVEMENT

ADAPTIVE READER	FLUENCY BUILDER	STUDENT AUTHORED BOOKS	WRITING PROCESS	PERSONALIZED READER	HOMEWORK	ENGLISH & SPANISH LEXILE® ASSESSMENT
Our browser based reader adapts to each learner's current reading skills. Tackles challenges with supportive content recommendations and reading aides.	Assess, monitor and develop stu- dents' oral reading fluency. Running record and rubric evaluation options.	Foster creativity and promote expression with student self-published stories. Publication audience extends from the class to the LightSail Universe.	Students are exposed to a multi-mod- al writing process in a structured yet flexible digital environment. Teachers have the ability to upload their own prompts or access existing prompts from the LightSail Community.	Customizable digital reading aids. For struggling readers: • ADHD • Dyslexia • Autism • Cortical Visual Impairment (CVI)	Teachers choose from flexible one- time or repetitive assign- ments. Effortlessly track student engage- ment and completion.	Scientifically matches a student's reading skills with texts writ- ten at the student's Zone of Proximal Development (ZPD).

Leading-edge educational technology assures enhanced and equitable personalization for students at all levels, while fostering the literacy meta-skills required to build engagement, confidence, and lay the foundation for life-long learners.

CONTENT RICH, MULTI-MODAL AND CUSTOMIZABLE LIBRARIES FOR ALL BUDGETS

BOOKS	CONTENT BUILDER	DISTRICT LIBRARY	INTEGRATED VIDEO	BUY BOOKS
6,000 complementary, Lexiled, authentic, high interest fiction and non fiction English. Spanish. High-Low titles.	Import Customize	Curate imported content and share with schools in district	World class educational video clips scaffold understanding and escalate learning engagement. Action clips bring illustrations to life.	Integrated ecommerce access to purchase an additional 50,000 popular titles

UNPARALLELED DATA-DRIVEN DECISION MAKING

TEACHER DASHBOARD	HEATMAPS AND DIAGNOSTICS	INTELLIGENT ANALYTICS FOR GUIDED INSTRUCTION	DISTRICT DATA REPORTS	LMS INTEGRATION
Track and support students in real-time inclass or at-home	Standards-aligned literacy skill diagnostics, rubrics, and running records	More than 150 data points measuring stu- dent and teacher engagement and progress	Transparent measures of ROI and literacy impact	LTI standards Microsoft Teams Google Classroom

The case for literacy is clear and remains an international imperative.

A key challenge for literacy education in this decade is that blended learning will be fluid, with students and teachers needing to transition seamlessly between home-based virtual learning, school campus-based learning, and hybrid learning scenarios where class cohorts are split between home and school.

LightSail leads the way with built-in modules and features that support these exact scenarios. Tools such as real-time monitoring of student reading activity and a chat functionality between teacher and student maximize engagement without leaving the platform or necessitating the use of other communication tools.

LightSail is intuitive to use and requires no training to get started on the journey to meet and exceed literacy goals.



K-TO-COLLEGE LITERACY ROADMAP AND BEYOND

Elementary School Literacy Skills Grades 1-4 Predictions Recognize Roots, Prefixes, and Suffixes Word Associations · Sight Words Supporting Details

Major Scholastic Shift: Learning to Read v. Reading to Learn

Comprehension

· Main Topic, Main Idea

Soft Skills Developed

Fluency

Accuracy

Prosody

· Listening Skills · Time Management

· Choice/Preference

LightSail's Products and Features That Support Development

Lexiled Content: Provides "Just Right" texts for BR-1400+ Lexile readers. Readability

Fluency Builder: Supports traditional running record and customizable rubric

Cloze Assessment: Develops word cognition, eliminate/select word choices based on morphological knowledge. ncourages an "ear" for how words sound in

MC/SRQ Assessments: Embedded checkpoints to target critical aspects of comprehension such as main idea, summary and supporting details.

Thoughts: Develop written expression and communication. Support active reading and interaction with the text. Monitor personal comprehension through inner conversation

Teacher Dashboard: Records real-time student data that promotes teacher-student collaboration. Raises student accountability by making their learning visible. Reveals student learning gaps that teachers can close with customizable and differentiated learning.

Personalized Reader: Provides 60+ customizations, students can add supportive features to enhance their reading experience to promote

Expression

· Develop a Writing Voice

Video Library: Supports comprehension with academic audio and video clips that add interest and increase engagement.

Ecommerce: Connects you with 50 major publishers to provide students increased content choice from over 50,000 popular

Homework: Introduces students to time management and self-monitori Homework can be assigned for a specific free choice reading.

Student Authored Books: Help students develop a writing voice by fostering creative writing. Promotes the writing process including receiving effective feedback and offering feedback to peers.

Language Workshop: Develop expression in a low risk/no grade environment. Foster a love of language and critical thinking.

Writing Skill Builder: Grade leveled topics that measure student concept knowledge with interactive questions.

Middle School Literacy Skills

Grades 5-8

Fluency Recognize Roots, Prefixes, and Suffixes Claim and Evidence Speed · Social versus Academic Language · Build on Prior Knowledge Accuracy Precise Language Expression Prosody Comprehension Differentiate Style · Story Structures Exposure to Modes of Writing Metacognition · Inference

Major Scholastic Shifts:

Learning is Departmentalized · Increased Emphasis on Relative Ability

Soft Skills Developed

 Creativity Self-Motivation Self-Management · Choice/Preference Time Management Self-Advocacy

LightSail's Products and Features That Support Development

Lexiled Content: Provides "Just Right" texts for BR-1400+ Lexile readers, acknowledging mphasis on relative ability. Addresses common content area topics to increase exposure to literacy.

Fluency Builder: Targets struggling readers with low fluency by providing fee about their unique challenges. Builds a nistoric record of growth for documentation.

Cloze Assessment: Develops word recognition, eliminate/select word choices based on morphological knowledge, encourages an "ear" for how words sound

MC/SRO Assessments: Pinpoints where student cognition is weak. Promotes student self-advocacy for support and

Thoughts: Develops written expression and communication; encourages netacognition with text marking.

Teacher Dashboard: Records real-time ent data that promotes teacher-student collaboration. Raises student accountability by making their learning visible. Reveals student learning gaps that teachers can close with customizable and differentiated learning. Personalized Reader: Provides 60+ customizations that allow students to exercise choice and self-advocacy in a learning environment. Acknowledges that students with varying relative abilities need and deserve differentiated support.

with academic audio and video clips that add interest and increase engagement.

Ecommerce: Fosters choice by giving students access to texts from 50+ genres. Homework: Promotes time management builds self-monitoring skills and offers clear

directions on work expectations. Essay Tool: Addresses modes of writing by allowing the teacher to create targeted prompts and provide feedback using holistic

Language Workshop: Experiment and refine knowledge of nuances such as prediction and inference without the stigma of "right" or "wrong."

grade level or customizable rubrics.

Writing Skill Builder: As a student's relative ability is revealed, appropriately remediate and challenge each student with focused,

Join us on a literacy journey with no wrong turns!



Recognize Roots, Prefixes, and Suffixes Metacognition

Differentiate Creative and Academic Writing · Cross Curricular (Web)

Domain Specific Comprehension · Encourages Departure

Major Scholastic Shift: Transference of Learning Into College, Career, and Beyond

Soft Skills Developed

 Self-Management · Self-Motivation Creativity Time Management · Choice/Preference · Self-Advocacy · Goal setting

Advanced Schema

LightSail's Products and Features That Support Development

Lexiled Content: Provides "Just Right" texts emphasis on relative ability. Literature and Informational texts content support skill development needed for benchmark assessments, career planning, and postsecondary study.

Cloze Assessment: Ensures that students have exposure to a growing print

MC/SRO Assessments: Pinpoints where student cognition is weak. Promotes student self-advocacy for support and

Thoughts: Encourages written expression and communication; develops metacognition with text marking

Teacher Dashboard: Records real-time student data that is parallel to student dashboard. Promotes data driven conversations related to goal setting self-management, and literacy growth.

Student Dashboard: Exposes students to performance data that can be used to grow Personalized Reader: Provides 60+ exercise choice and self-advocacy in a learning environment. Acknowledges that students with varying relative abilities need and deserve differentiated support.

Video Library: Supports comprehension with academic and video clips that add interest and increase engagement. Ecommerce: Fosters choice by giving

students access to texts from 50+ genres Homework: Reinforces preparation for full

group or small group learning. Provides choices for independent reading. Exposes and supports students with time management.

Language Workshop: Revive a love of learning with exercises that promote refined, creative, and critical thinking.

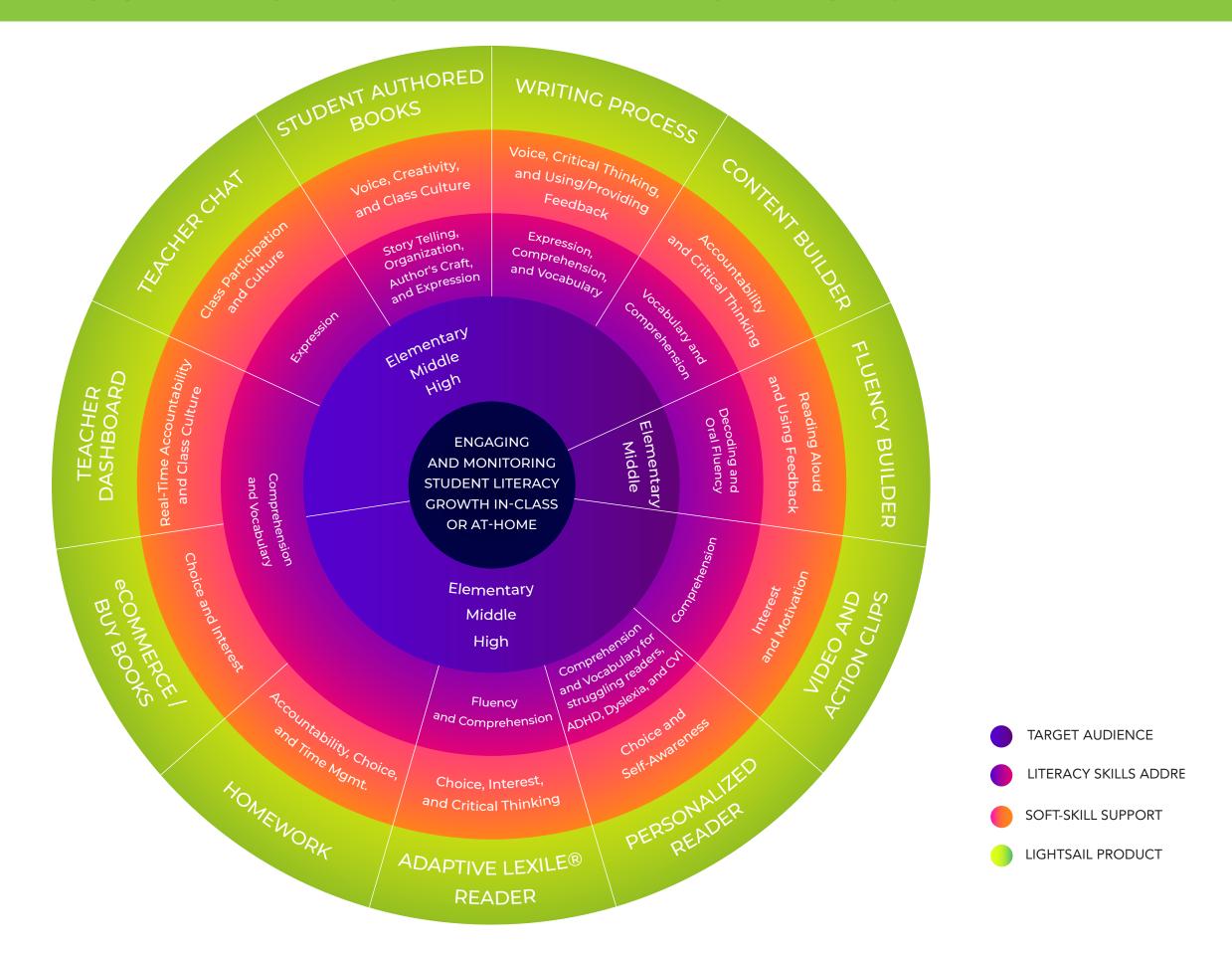
Writing Skill Builder: Provides students a "deep dive" into leveled content to fill in learning gaps or extend knowledge due to curiosity and interest.

Essay Tool: Addresses modes of writing by allowing the teacher to create targeted prompts and provide feedback using nolistic grade level or customizable rubrics

UNPARALLELED VALUE FOR COMPREHENSIVE STUDENT LITERACY DEVELOPMENT IN-CLASS AND AT-HOME

	LS Standard	LS Core	STUDENTS	TEACHERS	ADMINISTRATORS		
Dynamic Content							
1,500 Books Per Student Antares Reading™ and LightSail Classics	Ø	Ø	LightSail Classics and Antares Reading TM short-form books in English and Spanish. Antares books are exquisitely illustrated to engage and support young readers and specifically designed to meet the needs of the classroom. The texts are Lexile® aligned, allowing for differentiation and automatic curation of a personalized library. The wide variety of topics capitalize on student interests. Unlimited copies included with each student subscription.				
4,500 Books Per Student Leading Educational Publishers		⊘	High-interest, fiction and nonfiction, curriculum aligned, authentic texts from well-known publishing partners. This thoughtfully curated, rich, and diverse library from publishers trusted by educators and parents alike. The Library features engaging content serving the needs of a cross-section of learners at all Lexile levels from K-12. Unlimited copies included with each student subscription				
Buy Books	Ø	Ø		Integrated ecommerce interface to purchase thousands of additional award-winning and popular titles f ments. Teachers can compile a book request list and teachers/administrators can fulfill these requests.	from the world's leading publishers. Texts are equipped with thousands of standards aligned embedded assess- Additional book choices support the curation of a personalized school/district library.		
Thousands of High Quality Educational Video Clips Related and Integrated to Our Books	⊘	⊘	Build student engagement by adding educational videos to their portfolio. LightSail has connected its thousands of books with related videos thereby making it so much easier to find videos and books that match what the student is reading. With our thousands of sharable videos, teachers can add them to assignments and homework to keep their students engaged. As a teacher, you can incentivise reading by setting industrial to unlock a video.				
Thousands of High Quality Action Clips Related to Our Books	Ø	Ø	LightSail has embedded thousands of action clips (GIFs) to make each book come alive. As your students are reading, they will find embedded action clips to enhance the topic/subject. Imagine reading about cheetahs and seeing them sprint at 70 MPH.				
Content Builder and District Shared Library	Optio	nal	Teachers, administrators, and curriculum leaders can import and curate content in any language from webs	trators, and curriculum leaders can import and curate content in any language from websites, Excel, Google Docs, PDFs and ePubs. Share imported content with educators across your district. Embed curriculum aligned questions then assign to students and actively progress monitor.			
Library Collection	Sept		Students can enjoy reading and watching content that are seasonally based. Is it Thanksgiving? Your teachers can create a Thanksgiving collection that focus on the history and traditions of the holiday.	Share curated mini libraries with your classroom and fellow educators. Create seasonal collections that appear in your students' libraries. Includes assessments and essential questions.	Share mini curated library collections with your district and schools so teacher can use them with their learners.		
Responsive, Engaging, and Supportive I	Platform						
Patented LightSail Educational Ereader US Pat No.: 10.109.213	Ø	Ø	Personalized and differentiated reading experience for each student. Adaptive library that ensures all students are always reading texts across different genres and within their individual Zone of Proximal Development (ZPD).				
Flexible Rostering Options	Ø	Ø		Flexible rostering options include: Self-Rostering,	, Google and Microsoft SSO, Clever, Class Link and GG4L.		
Microsoft Teams Google Classroom	Sept		Integration to Microsoft Teams and Google Classroom				
ETI Certified	Sept		IMS Global Certified for interoperable communication with leading LMS Systems				
Real-Time Monitoring Teacher-Dashboard	Ø	Ø		Using the Dashboard, teachers can actively monitor students' real-time activity including their reading minutes, cloze activity, and books being read. View students' progress towards reaching their weekly reading goals.			
Student Personal Literacy Portfolio	Ø		Easy-to-read performance dashboards and reading history portfolio to foster student self-awareness on personal literacy goals and progress.				
Spanish Lexile® Assessment	Sept		Spanish Lexile Measures for Students. El Sistema Lexile® Para Leer. Assess each student's Lexile level in Spanish and LightSail's text recommendation engine adapts the student's Spanish literacy library to their "Just Right" level.				
Personalized Reader	Optio	nal	Developed to assist struggling readers access LightSail's rich texts. For students with ADHD, Dyslexia, Autism, visual impairment, Cortical Visual Impairment (CVI), LightSail has 60 different tools to customize the ereader and adapt it to each student's needs.				
Parent Portal	Ø		Engage parents directly in student literacy growth and progress. Encourage family discussion of reading and reading interests.				
Instant Messaging and Teacher-Student Chat	Ø	⊘	Teacher facilitated and controlled instant messaging. Students and teachers can communicate securely and instantly. Teacher has full control of communication without leaving the platform to use external messaging tools. (1) Private Chat: Student to Teacher (2) Class Chat: Send classroom announcements to the whole class with one message. Students can respond to class chat to show daily participation. Teachers can mute the class. Students can raise their hand to request permission to chat. (3) Group Chat: Teacher initiated conversations and conferences with small groups of students centered around specific books or topics.				
Extensive Reporting and Analytics - Actionable Student Insights	Ø	Ø	Robust reporting functionality that provides extensive data and insights of student progress across more than 150 metrics with customizable date ranges.				
In-Text Annotation - Student and Teacher Thoughts	Ø	Ø	In-text annotation and feedback enable teachers and students to provide questions, feedback, and respondents. Students and teachers can annotate with text and voice.	onses directly in books. All annotations can be associated with specific reading skills or curriculum stan-	Insert Professional Development annotation for teaching guides and educator notes.		
Motivational Tools and Gamification	Ø	Ø	Student Leaderboard themed around reading minutes and badges that consistently reward students for reading and vocabulary achievements.				
Tournaments	Ø		In the spirit of competition, students can motivate one another to achieve.	Competition is an element of classroom culture that teachers can harness to grow literacy and increase engagement. Formats include student-against-student and class-against-class.	Make literacy gains and foster school spirit. Format tournaments with school-against-school for intra-district competition.		
Flexible Assignment Options		,					
Fluency Builder	Optional		Help students develop their oral fluency, speaking, and listening skills by empowering the teacher to create read aloud assignments. Assignments give insight into each student's ability to decode, retell the story, and track their words per minute (WPM) rate. The recording archive promotes progress monitoring. Teachers score read-aloud assignments using a digital running record and customizable fluency rubrics.				
Homework	Optional		Teachers can quickly create one-time or repetitive homework assignments to track students remote reading progress and engagment.				
argeted Writing Support							
Writing Process	Optional		Students are exposed to multiple modes of writing in a supportive and structured environment. They receive teacher (and maybe peer) feedback as they explore the writing process.	Teachers are able to create unique prompts or use prompts from the LightSail Community. Student performance data can be used to address learning gaps and drive next steps in instruction.	Administrators are able to ensure that students are exposed to skills from the Writing Strand of standards and are receiving a holistic ELA experience.		
Language Workshop	Optional		Students explore and manipulate language in targeted, low-risk activities that simulate high-interest activities like social media.	Teachers can learn about their students' personalities, thought processes, and perspectives without assigning a grade to each enrichment experience.			
Writing Skill Builder	Optional		Students address grade-level content through interactive and engaging questions. Many of these questions simulate high-stakes standardized tests. Practice in a low-risk environment raises confidence and exposure.	Teachers can address identified student learning gaps with this tool. Student performance data provides progress monitoring on the writing skill.			
Student Authored Books	Optional		Students can publish their very own book right in the LightSail platform! Readers in their class, grade, school, district, or across the LightSail Universe can read their book in the LightSail library.	Push the boundaries of creativity, foster a love of writing, and enhance literacy pedagogy.			
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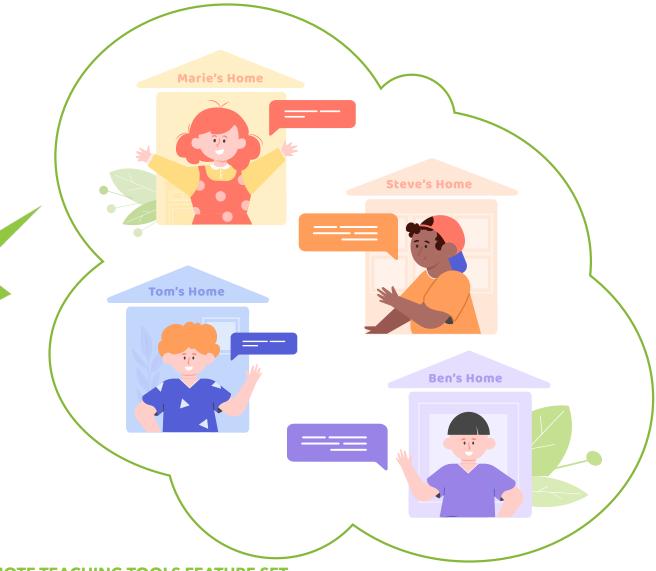
CONNECTING THE LITERACY DOTS



OUR REMOTE LEARNING TOOLS

Our Tools Enable Seamless In-Class and At-Home Teacher-to-Student Communication





REMOTE TEACHING TOOLS FEATURE SET

Teacher Dashboard

- Actively monitor your students' current activity including their reading minutes, cloze activity, and books being read directly from your Dashboard.
- View your Class Leaderboard and your students' rankings.
- View your students' progress towards reaching their weekly reading goals.

Homework

- Quickly create one-time or repetitive homework assignments.
- Effortlessly track yesterday's homework completion.

Chat privately with your students

- Chat with individual students by sending them personal reminders and messages right to their Dashboard.
- Fast, easy, and effective way to check-in on daily reading assignments.
- Students are prevented from chatting privately with each other.

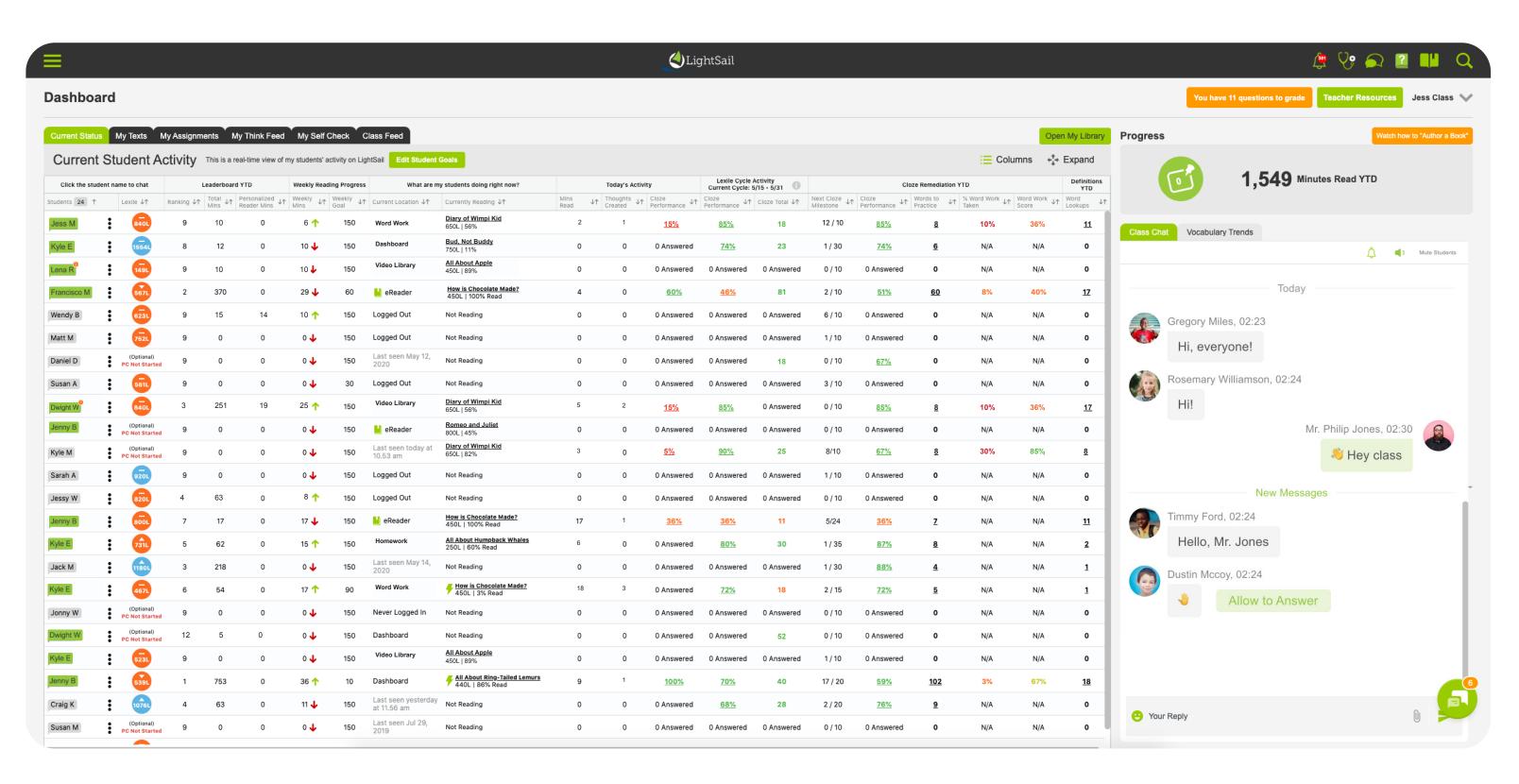
Class Chat

- Send classwide announcements with one message.
- Initiate classroom dialogue around a book, subject, or lesson.
- Control the conversation by ensuring that messages are not lost and all students get to participate in the conversation by allowing the teacher to mute and unmute selected students.
- Students can send messages anonymously in the class chat so they feel comfortable participating. A student is only anonymous to their peers and not to their teacher.

Group Chat

- Host small group conversations themed around a text or topic.
- Encourage student discourse with academic and content- specific vocabulary and small group accountable talk.
- Teacher monitored conversation while offering opportunities for students to interact with their peers in a digital "turn and talk" fashion.

TEACHER'S REAL-TIME VIEW OF WHAT STUDENTS ARE DOING



PERSONALIZED READER

LightSail's Personalized Reader feature includes 60 different tools to customize the eReader and adapt it to each student's needs.

This functionality supports text access for children with ADHD, Dyslexia, Autism, visual impairments, or any child who struggles with reading and may have a wandering mind.

Feature Highlights:

- Adjustable viewing pane to see 1, 3, or 5 lines of text
- Ability to change color and adjust the font, background, border, outlines, and more
- Embedded scaffolds assisting the student to focus on just a few words at a time and covering all surrounding words
- See text light up in 'karaoke mode' as the student reads along at their unique pace
- Listen to the book read aloud using state-of-the art Al, choosing among many anthropomorphic voices
- Enlarge words and track the part of speech and syllables for each
- Research-based accommodations for students with CVI Cortical Visual Impairment, including the Roman Bubble and word streaming for any text

This is the perfect tool to help struggling readers improve their skills, become more confident, and experience the true joy of reading.

Designed to help struggling readers with:

- Dyslexia
- Autism
- ADHD/ADD
- CVI (Cortical Visual Impairment)





INDEPENDENT RESEARCH INDICATES THAT LIGHTSAIL WORKS!

Students were very positive about LightSail:

- 82% of students indicated that LightSail was easy to use and navigate.
- 84% responded that reading books on LightSail was more enjoyable than reading printed books.*

Reading just 30 minutes a day on LightSail leads to 3.9x gains in the students Lexile

*LightSail partnered with Johns Hopkins School of Education to research the impact of reading minutes on students' Lexile® growth through LightSail's SummerSail program.



EFFICACY STUDY

17 Low-Performing Middle Schools
LEXILE GROWTH VS. DAILY READING MINUTES NYC DOE

