



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 learners maximize their potential through literacy. Since 2012, we have provided governments, districts, schools, and literacy intervention programs with a comprehensive, Lexile® & standards-aligned literacy platform with multimodal learning functionality. LightSail holistically assesses and nurtures each student on their literacy journey throughout elementary, middle, and high school.

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







1 OUR INTEGRATED MODULES FOR LITERACY OUTCOMES ACHIEVEMENT

ADAPTIVE READER	FLUENCY BUILDER	STUDENT AUTHORED BOOKS	WRITING MODULES	PERSONALIZED READER	HOMEWORK	ENGLISH & SPANISH LEXILE® ASSESSMENT
Our browser-based Reader adapts to each learner's current reading skills. Tackle challenges with supportive content recommendations and reading aides.	Assess, monitor and develop students' oral reading fluency with 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 engage in a comprehensive digital writing experience that supports planning, drafting, receiving feedback, and journaling. Styles of writing include book reports, essays, self-reflection, reader response, research papers, and creative writing. Students will experience that writing can be fun and academic! Writing Skills Builder will address learning gaps to develop more capable writers.	Customizable digital reading aids for readers who struggle with the following: • ADHD • Dyslexia • Autism • Cortical Visual Impairment (CVI)	Teachers choose from flexible one-time or repetitive assignments. Effortlessly track student engagement and completion.	Scientifically matches a student's reading skills with texts written 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, establish confidence, and lay the foundation for life-long learning.

2 CONTENT RICH, MULTIMODAL AND CUSTOMIZABLE LIBRARIES FOR ALL BUDGETS

BOOKS	CONTENT BUILDER	DISTRICT LIBRARY	INTEGRATED VIDEO	BUY & RENT BOOKS
6,000 complementary, Lexiled, authentic, high-interest fiction and nonfiction English. Spanish. High-Low titles.	<ul style="list-style-type: none"> Import Customize Lexile Assess <p>→ Build or bring your own cross-curricular content</p>	Curate imported content and share with schools in district.	World class educational video clips scaffold understanding and escalate learning engagement. Action Clips bring illustrations and content to life.	Integrated ecommerce access to purchase from 150,000 popular trade titles. Flexible pay-per-use book rental models available from leading publishers.    

3 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 whether in the classroom or at home.	Standards-aligned literacy skill diagnostics, rubrics, and Running Records	More than 150 data points measuring student and teacher engagement and progress.	Transparent measures of ROI and literacy impact.	<ul style="list-style-type: none"> 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 must be fluid, with students and teachers transitioning 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.



KEY COMPONENTS OF THE LIGHTSAIL LITERACY SOLUTION

1 ADAPTIVE LEXILE® CENTRIC READER

- Every 15 days, LightSail assesses each student's reading level, expressed as a Lexile® value
- Based on the student's Lexile® level, the system automatically personalizes the recommended books in their library
- Student literacy skills growth – and love for reading – is fostered as they are guided to read texts within their Zone of Proximal Development

2 WRITING

- Students engage in a comprehensive digital writing experience that supports planning, drafting, receiving feedback, and journaling
- Styles of writing include book reports, essays, self-reflection, reader response, research papers, and creative writing
- Students will experience that writing can be fun and academic
- Writing Skills Builder will address learning gaps to develop more capable writers

3 ORAL FLUENCY - RUNNING RECORD

- Create read-aloud, retelling, listening, and writing assignments with LightSail's Fluency Builder
- Generate continuous records and effortlessly identify omission, insertion, mispronunciation, substitution, repetition, or self-correction errors. The system auto-calculates accurate WCPM (words correct per minute)

4 PERSONALIZED READER

- Over 21 tools to help your struggling reader find joy in reading the books every child wants to read
- Special tools designed for learners with ADHD, Dyslexia, Autism, visual impairment, Cortical Visual Impairment (CVI), reading struggles, or a wandering mind
- Tools include top and bottom shading, color controls, karaoke mode, and Text-to-Speech

5 6,000 HIGH INTEREST BOOKS - INCLUDED

- 6,000 Lexiled, authentic, diverse, high-interest fiction and nonfiction English and Spanish titles included with LS-6000 student license
- More than 40,000 US-educator developed, standards-aligned questions embedded into the books
- Included e-book library for every student valued at \$110,000
- Includes 4,500 titles from award winning Rosen Publishing Group and more than 1,500 Antares Reading™ leveled readers and LightSail Classics
- Alternate content and license options to meet school and district budget needs



6 PUBLISHING PARTNERS

- Integrated e-commerce access to purchase an additional 150,000 popular trade titles from the world's leading publishers
- Flexible pay-per-use book rental models available from publishers such as HarperCollins and Penguin Random House

7 CONTENT BUILDER

- Import content from anywhere in seconds
- Import from websites, ePUB, PDFs, and Docs
- Import any language
- Create questions instantly
- Align questions to personalized reading standards
- Add comprehension cloze questions to your imported text
- Share with your district library and colleagues
- Create units and share them with your students and colleagues
- Grade assignments using rubrics
- Create site-level units that can be shared with peers and students

8 HOMEWORK

- Teachers choose from flexible one-time or repetitive assignments
- Effortlessly track student engagement and completion

9 LEXILE® ASSESMENT

- At the core of LightSail's DNA is the Lexile Framework for Reading
- Lexile® is a highly respected, world-recognized independent metric for measuring students' reading ability, as well as the complexity of the text in any given book
- Students take a benchmark assessment before starting to read on the platform. The system automatically adapts book recommendations every two weeks based on Lexile progress monitoring

10 150+ DATA POINTS IN REAL-TIME

- LightSail is dedicated to transparency in data and to demonstrating the performance improvement in student literacy outcomes and ROI for districts, schools, donor organizations, and literacy focused initiatives
- Data analytics report on both student and teacher performance and engagement at the class, grade, school, district and regional / country level

11 HYBRID LEARNING TOOLS

- Enable educator, learning guardian/parent & learner collaboration
- Learners transition seamlessly between @home, @school, and @hybrid
- Chat and communication functionality

K-TO-COLLEGE LITERACY ROADMAP AND BEYOND

Elementary School Literacy Skills Grades 1-4

- Fluency
- Speed
- Accuracy
- Prosody
- Vocabulary
- Recognize Roots, Prefixes, and Suffixes
- Word Associations
- Sight Words
- Comprehension
- Main Topic, Main Idea
- Predictions
- Summary
- Supporting Details
- Expression
- Develop a Writing Voice

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

Soft Skills Developed

- Fluency
- Listening Skills
- Time Management
- Choice/Preference

LightSail's Products & Features That Support Development

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

Fluency Builders: Supports traditional running record & customizable rubric assessment.

Cloze Assessment: Develops word recognition, eliminates/selects word choices based on morphological knowledge & encourages an "ear" for how words sound in context.

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

My Journal: Allows a student to determine which writing should be private or shared. Students can "free write," engage with a text, or record favorite quotes and passages as well as annotate key features such as the main idea and supporting details.

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

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

Informal Writing Bursts: Helps students learn that certain writing techniques are audience specific.

Personalized Reader: Students can add supportive features to enhance their reading experience to promote comprehension & fluency.

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

E-commerce: Connects you with 50 major publishers to provide students increased content choice from over 50,000 popular titles.

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

Homework: Introduces students to time management & self-monitoring. Homework can be assigned for a specific text to drive group instruction or promote free choice reading.

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

Book Reports: Establish the foundation for report writing by allowing students free choice or assigned book reports. Report writing is a fundamental "reading to learn" outcome.

Middle School Literacy Skills Grades 5-8

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

Major Scholastic Shift: Learning is Departmentalized • Increased Emphasis on Relative Ability

Soft Skills Developed

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

LightSail's Products & Features That Support Development

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

Fluency Builders: Targets struggling readers with low fluency by providing feedback about their unique challenges. Builds a historic record of growth for documentation.

Cloze Assessment: Develops word recognition, eliminates/selects word choices based on morphological knowledge & encourages an "ear" for how words sound in context.

MC/SRQ Assessments: Pinpoints where student cognition is weak. Promotes student self-advocacy for support & clarification.

Essay Writing: Introduce students to essay writing in a structured & supportive way. Engage students in the writing process known as: Practice-Planning-Edit! Promote choice & preference by giving "free choice" topics! With practice, students develop a writing voice.

E-commerce: Fosters choice by giving students access to texts from 50+ genres.

Personalized Reader: Provides 60+ customizations that allow students to exercise choice & self-advocacy in a learning environment. Acknowledges that students with varying abilities need

& deserve differentiated support.

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

Homework: Promotes time management, builds self-monitoring skills & offers clear direction.

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

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

My Journal: Allows a student to determine which writing should be private or shared. Students can write reflectively or academically engage with a text to explore an author's style, story structures, & much more.

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 & differentiated learning.

High School Literacy Skills Grades 9-12

- Vocabulary
- Recognize Roots, Prefixes, & Suffixes
- Domain Specific
- Comprehension
- Thematic (Global) Focus
- Metacognition
- Cross Curricular (Web)
- Advanced Schema
- Expression
- Differentiate Creative & Academic Writing
- Encourages Departure from Formulaic Writing

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

Soft Skills Developed

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

LightSail's Products & Features That Support Development

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

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

E-commerce: 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. Supports students with time management.

Lexiled Content: Provides "Just Right" texts for BR-1400 Lexile readers, acknowledging emphasis on relative ability. Literature & informational texts support skill development needed for benchmark assessments, career planning, & post-secondary school.

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

MC/SRQ Assessments: Pinpoints where student cognition is weak. Promotes student self-advocacy for support & clarification.

My Journal: Allows a student to decide which writing should be private or shared. Students can use writing to propel self-awareness or to track a recursive theme in a text.

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

Student Dashboard: Exposes students to performance data that can be used to grow academic self-awareness.

Informal Writing Bursts: Writing can & should be fun. Writing isn't only for essays. These no-risk activities foster creativity.

Research Report: Teach students to differentiate valid v. unreliable sources, paraphrase, accurately cite sources, & more.

Personalized Reader: Provides 60+ customizations that allow students to exercise choice & self-advocacy in a learning environment. Acknowledges that students with varying abilities need & deserve differentiated support.

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

Essay Writing: Prepare students for post-secondary with the ability to write for various audiences, give/provide/utilize feedback, & incorporate MLA/APA citations.



LIGHTSAIL CONTENT

Premium Content: The world’s leading trade and independent educational publishers assure access to thousands of books with the goal of fostering student choice through libraries personalized by interest and ability.

Pay-Per-Use: Innovative pay-per-use and book-rental pricing models from publishers such as Penguin Random House and HarperCollins. Empower budget-conscious districts and schools to grow their libraries in an unprecedented and economical manner.

Rosen Publishing: Rosen Publishing is a leading international educational publishing house that was established in 1950 to serve the needs of students with high interest, curriculum correlated materials. The library of 4,500 titles serves the needs of a cross section of learners at all levels.

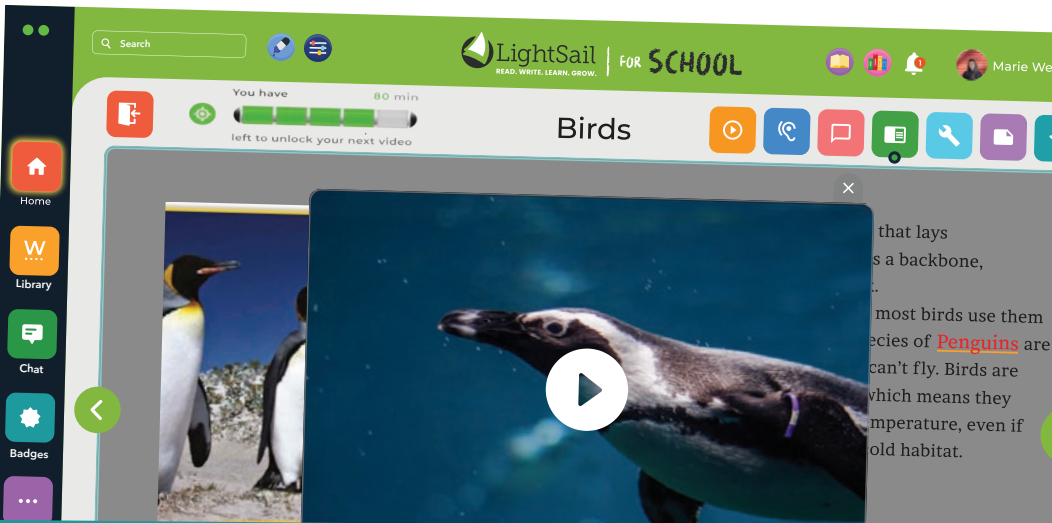


LightSail Classics: LightSail Classics offers hundreds of classic titles from authors such as Mark Twain, Jack London, and Charles Dickens. With unlimited copies of each title available and assessments embedded in every one, these texts are ideal for whole class novel study.

Antares Reading™: Antares Reading™ provides thousands of authentic readers in English and Spanish. The books reflect contemporary society, depicting a spectrum of races, ages, and family structures. Books are Lexile® assessed and contain embedded, standards-aligned assessments and activities.

EMBEDDED ACTION CLIPS & VIDEOS

LightSail has added tens of thousands of Action Clips—short, silent, 10~40 second video clips (GIFs) – that are contextualized and hyperlinked to key vocabulary in the book being read by the student. For example, a book discussing how wind turbines generate electricity will include a video demonstrating how wind turbines operate.



Subject: Science

3 Ways Mammals...

All About Transistors

How the Heart Pumps..

Binary Code Explained

A Curve Ball Explained

Biofuels

The Water Cycle

Blow up a Balloon...

Colds and Flu

Solar Car Race

Covid-19 Explained..

Electrical Circuits

Environment and Elec..

How do Rockets Fly

How do Solar Panel...

PERSONALIZED READER

LightSail's Personalized Reader 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.

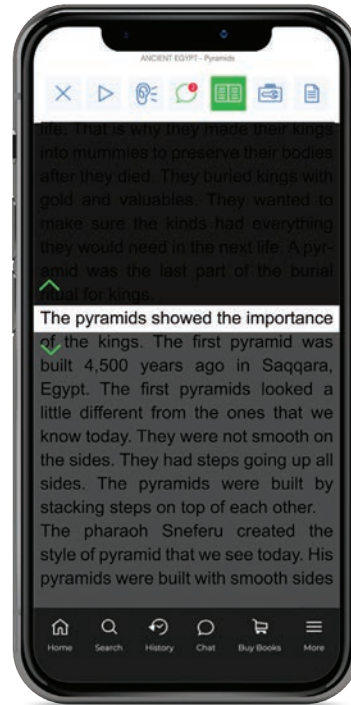
Feature Highlights:

- 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 assist the student to focus on just a few words at a time and cover 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 AI, choosing among many anthropomorphic voices
- Enlarge words and track the part of speech and syllables for each
- Research-based accommodations for students with Cortical Visual Impairment (CVI), 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
- Cortical Visual Impairment (CVI)



Tools:

NUMBER OF LINES
— ≡ ≡≡

FONT
- Tt + A [color wheel]

SHADING
Top: [slider]
Bottom: [slider]
Background: [color wheel]

READING
< Push and cover >
[icon] [play icon] [voice icon] Voice [dropdown]
BUBBLE [toggle] SHOW TEXT [toggle]

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 students' Lexile scores.

*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

