LightSail

READ. LEARN. GROW.

AFRICA'S ADAPTIVE LITERACY SOLUTION

LightSail is a proprietary **adaptive digital reading** and **cross-curricular platform** that helps students, classes, schools, reading intervention programs, and governments **exceed their literacy goals**. For over six years, LightSail has been a globally significant educational technology company, serving millions of learners in the USA, Latin America, India, China, and Africa.

Our international team of developers and educators have created a **web-based** platform that **personalizes** the student's reading experience. Using the Lexile® framework, LightSail gives students an **objective measure** of their reading ability

LIGHTSAIL ENABLES COMMUNITIES TO LEARN AND EARN WITH A SUSTAINABLE LITERACY INCOME MODEL.

LS-IN-A-BOX
Read 1000s of books with
No internet! **No** electricity! **No** problem!

and growth, **motivating** them to **increase** both the **volume** of their reading, and the **difficulty** of their chosen texts. LightSail is in traditional classroom settings, at home, and even in no-internet, no-electricity learning environments, with LightSail-in-a-Box.

While LightSail comes with a **huge library** of high-quality content, it also has the **flexibility** to **import content** in multiple languages and dialects, create **in-text assessments** across subject areas, align to relevant curriculum standards, and distribute assignments. This means that Departments of Education can **preserve** their **historical investments** in text-based curriculum content, along with troves of educator-created materials, by **importing** it **seamlessly** into LightSail. LightSail thus transforms traditional text into **intelligent, literacy-based resources** for educator and learner alike, providing **immediate benefit** from measurement of **over sixty data points**, and **real-time reporting**. Teachers, program managers, M&E professionals, donor organisations, and education ministries have immediate access to **meaningful data** about student reading **progress, performance** against curriculum standards, teacher **engagement** metrics, and program **impact**.
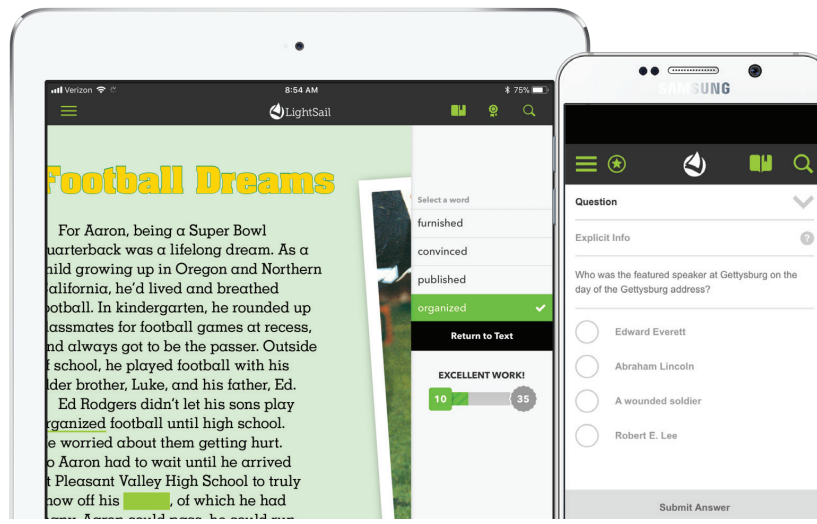
LightSail is committed to **innovation** in technology, **increasing literacy levels**, and working with governments and partners, in-country, to meet specific country commitments and needs. LightSail is **experienced** in **capacity building** and supporting literacy globally and at all levels, from leaders and administrators to teachers and support staff, by providing **scalable, sustainable, equal-opportunity, and accountable programs**.

LightSail provides students with an authentic reading experience while also collecting data through embedeed Cloze (fill-in-the-blank) assessments.

These assessments are placed through a special engine created in partnership with MetaMetrics. As students read, a word is covered up. Students select the word they think best fits in the blank from a list of four options, receive immediate feedback, and then continue reading. Cloze items appear every 1 to 2 pages in all English titles except plays, poetry, and graphic novels.

In addition to Cloze assessments, multiple choice and short response assessments provide teachers with additional insight into students' reading comprehension abilities. Both assessments are embedded at logical points throughout the texts, and are aligned to specific standards.
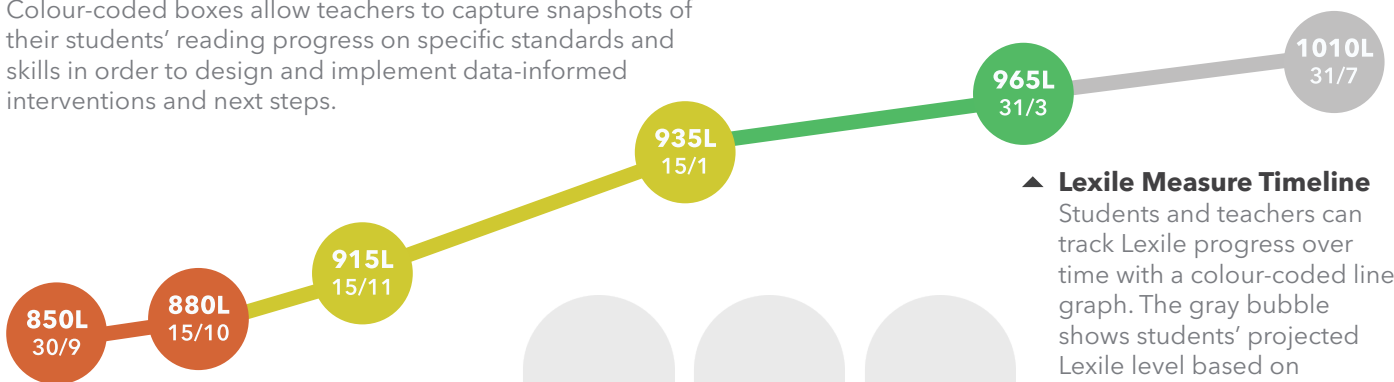
LEXILE PROGRESS

Minutes Read Doughnut ▶

Students start off with a year-long goal for reading minutes. They can track their progress toward this goal using the visually appealing minutes read donut. When students meet their goals, they automatically receive a new goal to work towards.

65%
7,800 / 12,000
Minutes Read

Student Progress on Standards/LightSail Reading Tags

Colour-coded boxes allow teachers to capture snapshots of their students' reading progress on specific standards and skills in order to design and implement data-informed interventions and next steps.
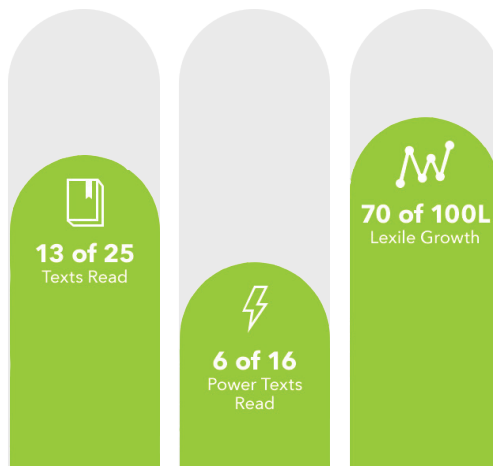
1010L
31/7

965L
31/3

935L
15/1

915L
15/11

850L
30/9

880L
15/10

Lexile Measure Timeline

Students and teachers can track Lexile progress over time with a colour-coded line graph. The gray bubble shows students' projected Lexile level based on current performance so students can monitor how they are progressing before they receive a Lexile update.
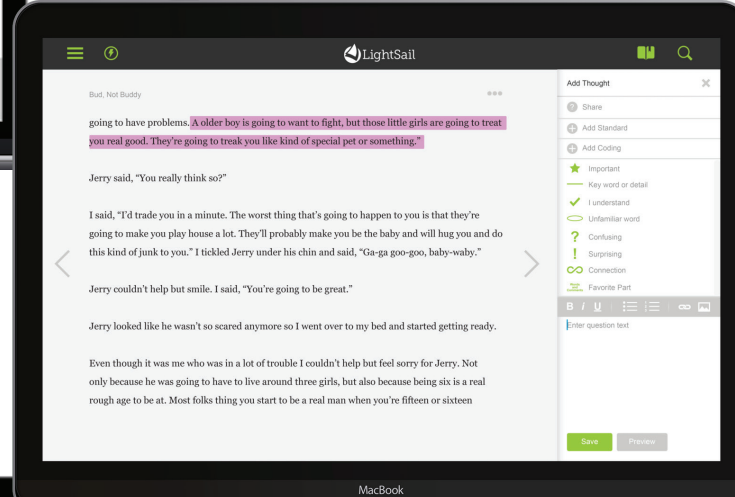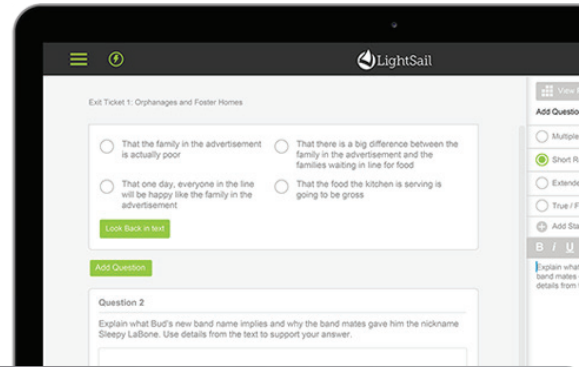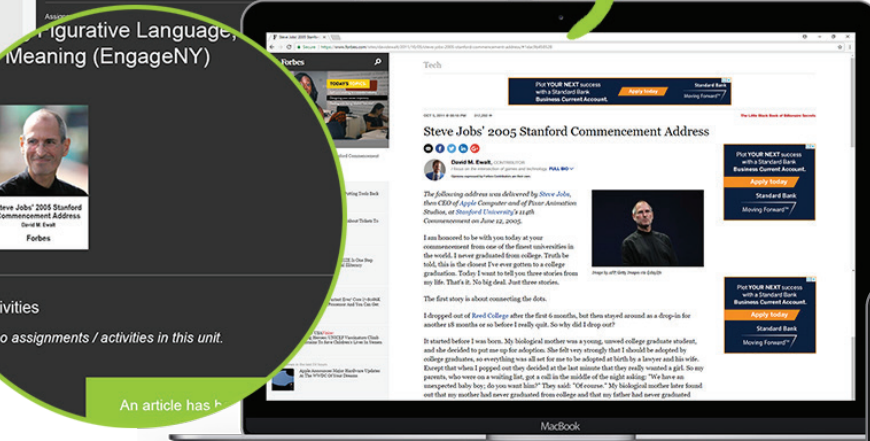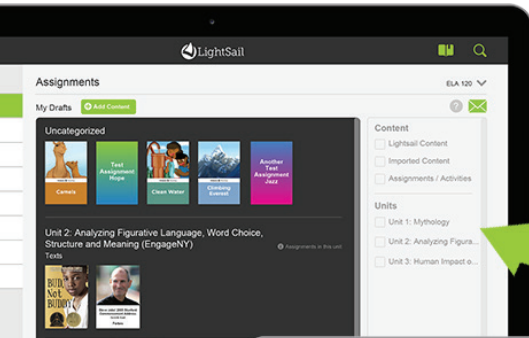
Goal Setting with Progress Bars ▶

The progress bars feature allows students to visually track their progress towards Lexile and Texts Read goals. Once students reach their goals, additional goals are developed to further challenge students.

13 of 25
Texts Read

6 of 16
Power Texts Read

70 of 100L
Lexile Growth

CONTENT BUILDER

Our Content Builder allows teachers, school administrators, and district administrators to customise students' learning experience to meet their curriculum needs by importing content from anywhere, and adding assessments and thoughts.

1 IMPORT CONTENT FROM ANYWHERE

2 CUSTOMISE WITH ASSESSMENTS & ANNOTATIONS

3 ORGANISE ASSIGNMENTS & GRADING

4 MONITOR RESULTS

LightSail students get access to personalised libraries filled with thousands of engaging texts, covering STEM, Social Sciences and Fiction. Students are matched with appropriately leveled texts, within their zone of proximal development, using the Lexile Framework and LightSail proprietary technology. Content can be customised by curriculum and country.

LightSail brings the best titles, complete with embedded formative assessments that engage students and adapt to their reading experience to build stamina and ensure growth.

The benefits for educators go beyond the engagement and improved literacy rates amongst their students. The platform allows the educator to plan classes that can be extended and adapted beyond what they have managed to achieve in the past.

Over 10,000 books with embedded assessments!

On the LightSail Parent Portal, parents are able to monitor their children's growth and reward them for meeting their reading goals.

BUILDING
VOCABULARY

A strong grasp of vocabulary is an integral part of reading comprehension. To that end, LightSail incorporated the Word Work module to ensure that students are constantly increasing their vocabulary acquisition through embedded Cloze assessments, and authentic review of vocabulary.

No internet? No electricity? No problem!

LIGHTSAIL IN-A-BOX

‣ **NO INTERNET REQUIRED**
‣ **NO ELECTRICITY REQUIRED**
‣ **CONTAINS THOUSANDS OF BOOKS & ARTICLES**
‣ **READ ON ANY DEVICE VIA WIFI OR LAN CABLE**
‣ **NO MOVING PARTS**
‣ **CAN OPERATE FROM -10C TO 60C**

The LightSail-in-a-Box solution was specifically developed for the needs of learning environments in Africa with limited or no internet and electricity. This game-changing solution is implemented using robust portable hardware and our own cutting-edge software.

LightSail-in-a-Box brings all of LightSail's online literacy tools to offline learning environments. Lightsail-in-a-Box also provides a scalable entrepreneurial opportunity for a group of "Backpack Reader Leaders" in youth-led social enterprises that promote literacy and reading, most especially in rural areas.

LightSail runs on HTML5 | android | iOS | Linux | chromebook | Windows 10