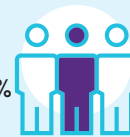


Literacy tools for active learning

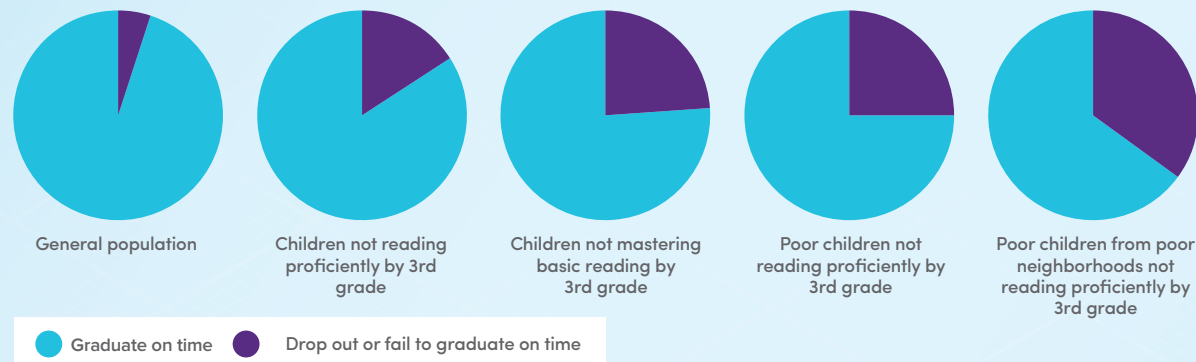


THE LITERACY CHALLENGE

Improving students' literacy skills is a top priority around the world, but districts and schools face enormous challenges. According to NAEP's 2019 reading assessments, 33% of American 4th graders are not reading at the basic level.



And we're not trending in the right direction. According to the 2018 PISA results, reading scores in the US, Canada and many other countries have remained flat for nearly two decades. Unprecedented interruptions to instruction during the COVID-19 pandemic and the resulting learning loss put literacy skills development even more at risk.



Students' ability to read sets the course of their lives. Students not reading at grade level by the end of the third grade are four times less likely to graduate high school on time, and six times less likely if they are from low-income families.

Today's students need to develop more sophisticated literacy skills than ever, but gaps in digital and media literacy may be even wider. PISA 2018 showed that fewer than 1 in 10 students can discern fact from fiction based on contextual clues.

STRATEGIES TO SUPPORT LITERACY SKILLS DEVELOPMENT

For schools focused on increasing literacy skills in students, several approaches are proving to show results in helping turn the tide for literacy outcomes, including:

Bridging print and digital reading: Research shows that incorporating aspects of hands-on reading, such as touch interaction, slow reading and multisensory teaching techniques help support improvements in reading outcomes.

Peer-to-peer and small group work: Studies have shown that young children benefit more from being taught in small groups than as a whole class. Creating an environment where students can collaborate in small groups to share ideas, connect with prior knowledge, and think critically about their reading helps develop the skills they need to succeed.

Student-directed learning: Research shows that students who read for pleasure develop better reading skills, stamina, and fluency and score higher on assessments than peers who read assigned materials only.

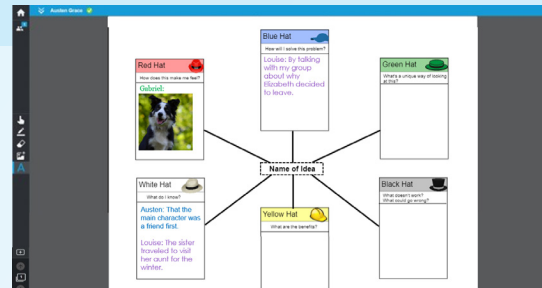
LITERACY TOOLS FOR ACTIVE LEARNING

The right digital tools can be key to successfully implementing these literacy strategies. Lumio is software that brings engaging lessons and games, formative assessment, and collaborative workspaces to students through their devices. Students connect in real-time or on their own time to activities that help them take charge of their learning while clearly demonstrating progress to their teacher.



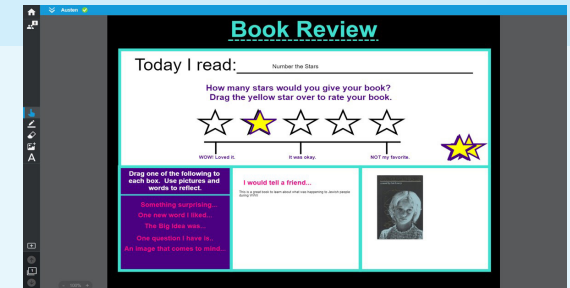
Bridge print and digital reading

- Make reading more **tactile and multi-sensory**. Lumio lets students play with and rearrange text to reveal or evaluate meaning.
- Enable **slower reading and deeper thinking**. Lumio delivers text to students' devices in smaller chunks, removing distractions so they can re-read, revisit, rethink, and interact in ways that support and scaffold their experience.
- **Make static texts interactive**. Teachers import texts to Lumio from PDF, PowerPoint, Google Slides or Docs, and quickly add formative assessments, digital manipulatives, videos and customizable games. This helps students reflect as they read and move onscreen texts up the SAMR continuum.



Enable peer-to-peer and small group work

- Allow for **easier differentiation**. Lumio lets teachers remix resources for groups of students according to their needs, saving them time building and compiling.
- **Untether the teacher**. As students work in groups, Lumio lets teachers share lessons to student devices, move from teacher-based to student-paced anytime during delivery, and conduct mini-lessons based on each group's ability.
- Help students **read critically together**. Lumio's collaborative workspaces let students collectively read and mark up texts. Groups can create visual representations of their thinking and opinions in Shout It Out, which they then organize and analyze. Students learn from peers' prior knowledge, share interpretations, and expand their understanding.



Empower student-directed learning

- Give students diverse, media-rich ways to **respond to reading**. Students can choose to highlight or circle parts of a text, add notes, images and links to their analyses.
- Get students **excited and motivated to read**. Provide students with a diverse set of materials, media and paths in Lumio. This gives students a choice in what and how they read, letting them take learning in their own direction.