

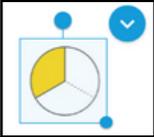
Designing Lumio lessons for screen reader support

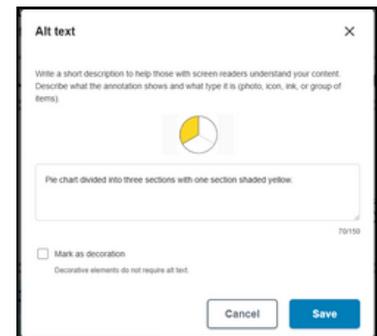
Good accessibility is good instructional design—it benefits everyone. Use these tips to support low-vision students.

1 Add alt text to images and meaningful elements

- Provide clear, concise descriptive text for images, shapes, diagrams, etc.
- Explain what the element shows and why it matters.
- Mark non-instructional elements as decorative.

How to add alt text

- Click the down arrow on the element 
- Select “Add alt text”
- Add description or mark as decoration

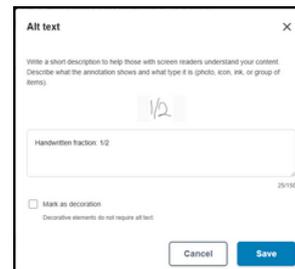
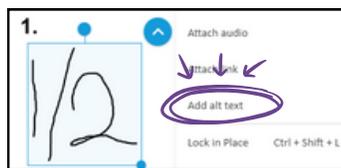
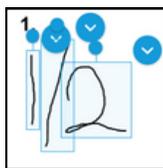


2 Arrange content in a logical reading order

- Arrange elements so screen readers follow a clear sequence (top-to-bottom, left-to-right).
- When elements visually overlap, use text to clarify the spatial relationship and why elements are overlapping.
- Use text to clarify sequence, hierarchy, or cause-and-effect.

3 Avoid writing or drawing with the pen tool

- Handwriting with the pen tool is not accessible to screen readers.
- When necessary, group the drawn elements, then add alt text.



4 Grouping

- Grouping multiple elements that have separate alt text can make screen reader navigation difficult. Keep elements separate for simpler navigation.
- If grouping is required, add alt text to the group.
- When possible, minimize the number of separate text boxes on a page to simplify screen reader navigation.



5

Text size, background, and contrast

- Text should be 12 pt or larger to improve readability.
- Ensure strong contrast between text and background.
- Don't rely on color alone—add labels or patterns.

Drag the green square to your favorite activity and the red square to your least favorite activity



6

Navigation tips

- Lock elements once design is finalized.
- Instructional Audio is read first by screen readers.
- Teach students to use Lumio's built-in zoom, not the browser zoom.
- Learn about [Lumio keyboard shortcuts here](#).

- 125% +

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Accessible activities

- Whole-class Whiteboards, Group Workspaces, Individual Handouts, Shout it Out, and Response support screen readers.
- Game-based activities do not support screen readers at this time.
- Allow student choice in how to practice and demonstrate learning.

Quick Accessibility Checklist

- Alt Text:** Add to all images, shapes, arrows, diagrams, and inked content.
- Decorative Elements:** Mark non-essential items as decorative.
- Reading Order:** Arrange content in a clear, logical sequence.
- Layered Content:** Explain relationships for overlapping or stacked elements.
- Color Usage:** Don't rely on color alone—use labels or patterns.
- Contrast & Readability:** Ensure sufficient text size and strong contrast.

LEARN MORE ABOUT ACCESSIBILITY IN LUMIO!

[Lumio Accessibility
Overview](#)

[Lumio Keyboard
Shortcuts](#)

[UDL Instructional
Toolkit](#)