



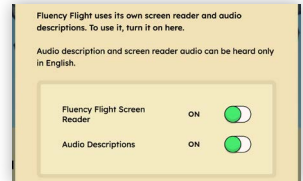
FAQ

Fluency Flight Accessibility and Accommodations Guidance

Overview

Fluency Flight is a personalized, research-based math fact fluency practice that helps students in Grades 2–5 build automaticity and lasting accuracy across all four operations. Fluency Flight offers universal accessibility features that are available to all students regardless of disability, IEP, 504, or English learner plan; therefore, any student can choose whether or not they will use an available feature.

How can embedded accessibility features in Fluency Flight be enabled?

Feature	How Do Students Access It?
Audio Descriptions: Provides the ability of visual elements to be described to students who may need context if they are unable to access what's on screen	Students can enable audio descriptions of what is happening visually in instructions and games within Fluency Flight. Audio descriptions can be enabled in the accessibility settings on the landing page before launching Fluency Flight (Figure A) or via the settings menu inside Fluency Flight (Figure B). Please note, screen-reader users can only access the settings menu inside Fluency Flight if they enable screen-reader support in the landing page accessibility settings.  Figure A  Figure B
Audio Support: Provides the ability to click on an audio button (shown automatically) to hear the text of a question and/or answer read aloud	This support does not need to be turned on in the system. It also does not require additional equipment or software. On-demand audio is enabled by clicking on the audio button. 
Closed Captioning	N/A
Color Contrast: Refers to the measure of the difference in perceived brightness between two colors. The goal is to ensure the ratio meets the standards to address the loss of contrast users experience if they have low visual acuity or color deficiencies.	This support does not need to be enabled, as these features are built directly into Fluency Flight. The supports include: • Meeting the WCAG 2.0 Level AA requirements for color contrast for text against a background and WCAG 2.1 Level AA requirements in some places for non-text elements against a background • Minimizing the use of colors that would cause problems for students with color blindness, particularly red–green color blindness • Presenting items in a large, easily legible format specifically chosen for its readability

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How can embedded accessibility features in Fluency Flight be enabled? (Cont'd.)

Feature	How Do Students Access It?
Keyboard Navigation: Provides the ability to navigate and interact with questions and answers by using the keyboard instead of a mouse	Tab: • Allows students to “turn on” keyboard navigation • Allows students to go to the next interactive element (e.g., button or link). When using keyboard navigation, a focus indicator appears around each element as the user tabs through the page. The focus indicator when using keyboard navigation is light blue with a dark dotted line. Shift + Tab: Allows students to go back to the prior interactive element (e.g., button or link) Enter or Space: Allows students to select and/or open the interactive element (e.g., button or link)
Embedded Screen Reader: Provides information for nonvisual access to navigational elements for students who may need context if they are unable to visually access what’s on screen	Fluency Flight offers a custom, embedded screen reader to enable students who rely on this assistive technology to experience Fluency Flight to its fullest extent. The screen-reader setting must be enabled in the accessibility settings on the landing page before launching Fluency Flight (Figure A). This can be enabled by the student or educator. Please note that the accessibility settings on the Fluency Flight landing page are separate from the student settings in <i>i-Ready Inform™</i> and Personalized Instruction. Additionally, there is a screen-reader toggle in the settings menu (Figure B) inside Fluency Flight, but screen-reader users will require support if attempting to turn on the screen-reader setting after launching Fluency Flight. Students using Fluency Flight’s built-in screen reader can navigate by using the Tab, Shift, and Arrow keys.

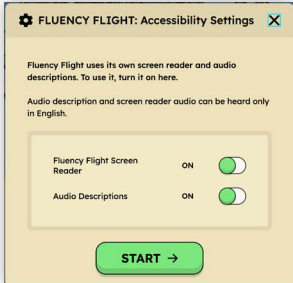
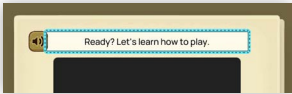


Figure A



Figure B

**i-Ready Inform™* is the new name for the adaptive assessment previously named *"i-Ready Diagnostic."*

Is Fluency Flight offered in Spanish?

Written text is available in both English and Spanish. Audio description and screen-reader audio can only be heard in English.

What accessibility features are available for students who are deaf or hard of hearing?

Instructions are automatically displayed in written English. Sound effects are optional and can be turned on/off in settings. Fluency Flight does not convey any audio-only instruction or necessary information.

What accessibility features are available for students who are blind or have low vision?

Although Fluency Flight is not compatible with traditional screen readers (e.g., JAWS®, NVDA®, and VoiceOver), Fluency Flight uses its own screen reader and audio descriptions. Users do not need to disable their regular screen reader in order to access the embedded screen reader in Fluency Flight. Please see the table on [page 2](#) for more information on how to enable this setting.

Does Fluency Flight allow for zoom-in/zoom-out magnification of text and other content?

Fluency Flight does not have built-in magnification tools, and we have not performed extensive testing with third-party built-in operating system magnification tools. Due to the horizontal and vertical navigation required for gameplay, Fluency Flight screens do not reflow; however, they do adjust to browser width. For users who may benefit from larger graphics, we recommend using a browser in full-screen mode while playing Fluency Flight.

Can Fluency Flight be practiced without a time limit to meet untimed accommodations?

No, Fluency Flight does not include an untimed setting. To maximize the pedagogical impact of the content, our content and editorial teams determined students need to meet both speed and accuracy thresholds to build their math fact fluency. However, students will not experience a penalty for taking additional time to respond in Fluency Flight. For example, students are still able to complete activities, meet goals for accuracy, and will not “lose” a game based on their speed.