



ABCya's platform is designed with a "play-to-learn" philosophy, focusing on flexibility and multi-sensory engagement to support a wide range of learner needs.

Embedded Accommodations

Accommodations and inclusive design choices are integrated throughout the ABCya platform to support students of different abilities. These features include:

- **Intentionally Broad Grade Levels:** To foster a more inclusive and encouraging learning environment, ABCya uses broad grade-level categories (e.g., Pre-K-Grade 2, Grades 3-6+). This allows students to work at their developmental level without the stigma of being "behind," supporting neurodiverse learners and those with individualized education plans (IEPs).
- **Spanish Language Support:** To support English Language Learners (ELL) and bilingual students, over 100 games are available in Spanish, covering core subjects like math and literacy.
- **Audio Support & Read-Aloud:** Many games for younger learners include integrated audio instructions and storybook text read-alouds to assist early readers and those with visual processing needs.
- **Printable Resources:** ABCya provides a library of printables and worksheets that mirror digital game content. These allow for offline practice to reduce screen time and accommodate students who learn better with tactile, paper-based materials.
- **Browser-based Zoom:** The platform supports standard browser zoom functions, allowing users to enlarge game interfaces and text for better visibility.
- **Visual & Auditory Feedback:** Games utilize distinct sound effects and vibrant graphics to provide immediate feedback, assisting students who rely on non-textual cues to navigate tasks.
- **Adjustable Difficulty:** Many activities allow students to select difficulty levels (Easy, Medium, Hard), ensuring the challenge matches the student's current skill set.
- **Multi-Device Accessibility:** Available via web and mobile apps, the platform supports touchscreen navigation, which is often more accessible than a mouse for students with limited fine motor skills.