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## UPLAY

### CREATIVE WORKS

Interactive, web-based piano curriculum for elementary students that uses animated stories, structured practice sessions, instant feedback, and progress tracking to improve retention of music fundamentals.

#### TECHNOLOGY TYPE

Education Technology  
Curriculum  
Music Instrument Digital  
Interface (MIDI)

#### STAGE OF DEVELOPMENT

- Beta testing indicates UPlay increased student scores by three percent in three weeks.

- Further refinement of modules required.

#### LEARN MORE

Reference Number: U-5779

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#### TECHNOLOGY SUMMARY

Regular, structured practice is essential to learning an instrument, yet children and youth often fail to practice consistently.

UPlay utilizes game-like lesson plans with stories that teach concepts and encourage practice to help motivate children to practice regularly. UPlay contains over fifty online lessons geared toward children ages 6 to 10. Each lesson includes five segments: a short story, a demonstration, an interactive game, piano pieces, and a quiz. The program uses music instrument digital interface (MIDI), which allows students to link their keyboard with the website and receive immediate feedback. UPlay also tracks progress and practice patterns to help instructors personalize lesson plans.

#### FEATURES AND BENEFITS

- Enhances the quality of piano instruction.
- Incorporates MIDI interface with an electronic piano keyboard.
- Provides a data management tool for tracking practice patterns (frequency, duration, etc.), as well as musical and academic progress.
- Helps instructor develop personalized lesson plans.

#### RECENT PUBLICATIONS

Wright, L.K. (2014). The genesis, creation, and integration of UPlay Piano, and its impact on student achievement. *Thesis – School of Music, University of Utah.*

#### INVENTOR PROFILE

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