Digital Solutions, Better Teaching, Better Learning

Center for Digital Innovation

A first-of-its-kind digital research and development center, McGraw-Hill's Center for Digital Innovation (CDI) is furthering its mission to equip all students with the 21st century skills they need to succeed in school and in today's competitive global economy. Its new offerings and collaborations leverage students' deep engagement with the digital world to create resources that meet today's education and learning challenges in the classroom.

McGraw-Hill Education has developed specialized learning centers for the K–12 education market. Experts and scholars partner with educators to focus on improving student learning outcomes and promoting digital innovation in:

Intervention and special needs

Literacy

College and career readiness

STEM (science, technology, engineering, and mathematics)

CDI is using a variety of digital tools to improve learning by enabling teachers to deliver personalized instruction adapted to each individual student's abilities. Approaches include:

- **Digital socialization to promote collaborative learning**
- **Creative multimedia tools to facilitate student work and teacher-designed instruction**
- **Digital gaming technologies for sustained learning, building problem-solving skills, and growing self-directed learners**
- **Expanded and refined reporting capacities to analyze assessment data, correlate data with learning needs, and return it as precisely-targeted instruction**

New Programs Developed in Conjunction with the Center for Digital Innovation

ConnectED

McGraw-Hill Education is now making its pre-K–12 content and resources available on one digital platform—ConnectED. Students, teachers, and parents have anytime, anywhere access—in the classroom, at home, or wherever there is an Internet connection.

ConnectED enhances the teaching and learning experience. Teachers can search for materials that match their teaching style and meet their students' unique ways of learning.

http://connected.mcgraw-hill.com

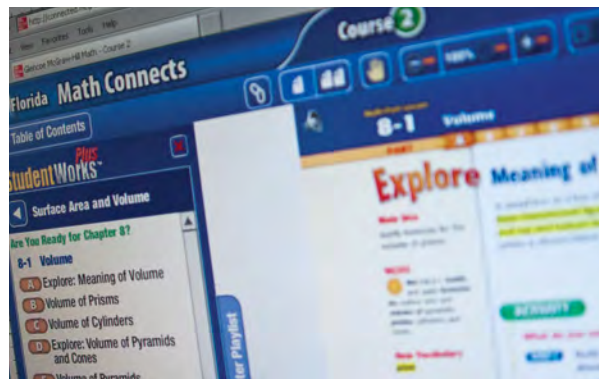Every program on the ConnectED platform features:

An interactive textbook where students can highlight key points and add notes

Digital resources that reinforce the educational topics taught through the printed textbook

Assessments that help teachers target instruction

Supplemental materials for intervention and enrichment

Planning tools help teachers quickly prepare classroom lessons and instruction
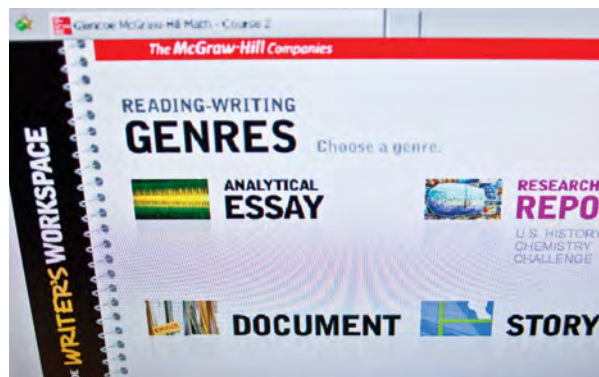

Writer's Workspace

Writer's Workspace is a new, all-digital language arts and writing program for middle and high school students. It engages students in the writing process and allows them to prepare writing assignments online and get feedback from their teacher throughout the entire process.

Writer's Workspace supports writing and grammar instruction through three steps:

1. Interactive Reading: Before beginning a writing lesson, students read literature in the genre of the writing activity.

2. Reading-Writing Connection: Reading-writing practice activities provide a bridge between reading and writing.

3. Comprehensive Writing: Students write longer compositions. Teachers can comment online at each stage of the writing process.

New Technology Partnerships and Products

McGraw-Hill Education has established a series of new technology partnerships and products that will enhance its digital K–12 education solutions to drive student achievement and foster the development of 21st century skills.

McGraw-Hill has selected M&A Technology to manufacture and distribute the McGraw-Hill Companion Touch, a full-featured student laptop computer based on the Intel®-powered classmate PC reference design. This laptop combines Intel® Learning Series' technology with McGraw-Hill's trusted educational content. McGraw-Hill's collaboration with these two partners offers school districts the flexibility to choose from a variety of options, including total digital solutions or hybrid models consisting of print and digital components.

Developed in conjunction with McGraw-Hill's Center for Digital Innovation, the first programs optimized for the McGraw-Hill Companion Touch device include:

- **LEAD21, an all-new elementary literacy program designed to reach a new generation of readers**
- **CINCH Mathematics, a digital K–6 math curriculum that uses the power of interactive whiteboard teaching and versatile online capabilities to fully engage students**

www.mhecdi.com

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LEAD21

LEAD21 is a new research-based core K–5 literacy program that engages students at all reading levels. LEAD21 helps teachers better manage diverse classes with blended group instruction, built-in acceleration plans, and digital offerings.

LEAD21 is the first education program made available on the Intel®-powered classmate PC and provides:

Students with easy access to digital tools, such as an Online Coach and ePractice activities. Every book in this program is available as an eBook

Teachers with flexible digital tools like Group Manager, which coordinates the placement of students for differentiated reading, and the ePractice Activity Reporting Tool and Assessment Handbook, which helps monitor progress toward proficiency

www.wrightgroup.com/wglead21

CINCH Mathematics

CINCH Mathematics engages teachers and students and supports an active learning style through its rich use of technology. In particular, the program uses the interactive whiteboard for visual learning activities that help build math concepts for multiple learning styles in the same class.

This all-digital program offers:

Extensive and flexible resources to help teach math concepts, including interactive tools

Built-in teaching support and professional development

Individualized instruction for on-target teaching

Engaging math skills practice