Company Overview
Intelligent Adaptive Learning and Assessment Solutions

QUANTUM®

"Quantum is proven effective and provides students, instructors and adult learners with a new generation of artificial intelligence technology for adaptive learning, online tutoring, test preparation and homework help."

— **Benny G. Johnson, Ph.D.**
President
Quantum Adaptive Learning, LLC

Who We Are

Dedicated to its mission to improve the quality of education technology, Quantum develops intelligent adaptive learning and assessment software solutions that inspire students to achieve more and empower instructors with real-time, actionable assessment tools to improve student learning and test performance.

Accessed over the Internet anytime, anywhere, Quantum is scientifically proven to increase test scores by at least a full letter grade, accelerate learning and outperform other learning tools in the subject areas of accounting, mathematics and science.

A "technology think tank", Quantum is funded through distribution partnerships and supported by the U.S. Department of Education, National Science Foundation and National Institutes of Health.

Quantum has leveraged over $12 million in funding for the development and distribution of artificial intelligence (AI) based educational tools for partners such as:

- **McGraw-Hill Higher Education**, a leading provider of print and online materials in higher education.

- **Holt McDougal**, a recognized leader in textbook publishing and online learning tools in K-12.

- **Ohio Board of Regents**, the coordinating body for education with all of Ohio's colleges and universities.

As a result of its revolutionary work in the field of AI technology for education, Quantum has received the national Tibbitts Award, the highest recognition given by the federal government for exceptional small business achievement in leading-edge research, technology innovation and economic impact.
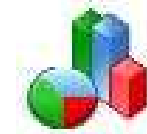
What We Do

Quantum Tutors°

Accessed over the Internet, the Quantum Tutors allow students to receive one-on-one tutoring when an instructor isn't available to help or answer questions. Just like working with a human tutor, students can ask questions, view next steps and request hints related to their own work and problems. The software is compatible with any curriculum and requires no change to existing lesson plans, textbooks or homework assignments used by instructors. Independent research shows that the Quantum Tutors can increase test scores by at least a full letter grade while reducing study time.

Quantum Assessment Advisors°

Quantum's assessment reporting tool analyzes actual student work from homework practice and tutoring sessions and provides instructors with real-time assessment reports measuring improvement, mastery achieved and common conceptual errors for the class and individual student.

Quantum Mentors℠

In development, the Quantum Mentors help new and out-of-field instructors better prepare for teaching difficult subjects by simulating typical student/teacher interactions real-time. The software serves as a virtual mentor where teachers can become more familiar with content, effectively respond to student questions and practice proven pedagogical techniques *before* getting in front of a live class.

Inspiring students to learn *why*