

Introduction to UMathX

Imagine a blended-learning system for K-Algebra I that incorporates the latest research on how students learn and provides continued professional learning for the teacher...

UMathX is such a system!

First, the “frameworks” activities designed for UMathX support learning experiences in which students construct their own understanding of mathematics concepts: students try something new by utilizing manipulatives and multiple representations to grapple with and make sense of the concepts.

Second, students interact with a computer-assisted learning system designed to scaffold their practice, fill in the gaps, and deepen their understanding.

Third, the UMathX system supports teachers’ planning by providing curriculum menus, differentiated instruction through multiple entry points, and opportunities for students to reflect and connect in small-group experiences.

As a former district mathematics leader, I promoted the district-wide purchase and use of previous versions of this system. Now, as a mathematics education consultant, I enthusiastically continue to share with other educators the benefits to students and teachers that UMathX provides.

With the nurturing growth experiences provided by UMathX, the mathematical “valley of despair” students used to experience when learning mathematics becomes a “learning pit” from which students emerge mathematically victorious!

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