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Interactive Mathematics Courses at the MathSoft Learning Site.

MathSoft, the makers of Mathcad, recently launched the Learning Site (<http://learning.mathsoft.com>), an online venue for interactive classroom materials and complete, inter-connected courses. Using Mathcad as the computational engine, the Learning Site encourages students to explore topics in realistic contexts through a combination of numerical, graphical, and algebraic models. Materials also make active use of current resources on the World Wide Web. Following current trends in mathematics education reform, the Learning Site uniquely adds the technological expertise of computer professionals. Authors for the Learning Site are mathematicians, engineers, and educators who are actively involved in shaping national models of computer-based instruction. The presenter – a Learning Site author – has contributed to three of the original NSF-funded calculus reform projects. This presentation will introduce the Learning Site’s online learning environment. The focus will be on new course offerings in algebra, precalculus, and differential equations. (Received June 26, 2000)