Description:

What it will take to turn the opportunity of the Common Core into reality in every classroom, school, and district.

Continuing its tradition of mathematics education leadership, NCTM has undertaken a major initiative to define and describe the principles and actions, including specific teaching practices, that are essential for a high-quality mathematics education for all students.

This landmark new title offers guidance to teachers, mathematics coaches, administrators, parents, and policymakers:

- Provides a research-based description of eight essential Mathematics Teaching Practices
- Describes the conditions, structures, and policies that must support the Teaching Practices
- Builds on NCTM's Principles and Standards for School Mathematics and supports implementation of the Common Core State Standards for Mathematics to attain much higher levels of mathematics achievement for all students
- Identifies obstacles, unproductive and productive beliefs, and key actions that must be understood, acknowledged, and addressed by all stakeholders
- Encourages teachers of mathematics to engage students in mathematical thinking, reasoning, and sense making to significantly strengthen teaching and learning