On the Cutting Edge
Teaching Mineralogy, Petrology, and Geochemistry

David W. Mogk, Guest Editor

New Directions at the Intersection of Research about Earth and Research on Learning
David W. Mogk

Improving Instruction in Mineralogy, Petrology, and Geochemistry—Lessons from Research on Learning
Cathryn A. Manduca

What Should Our Students Learn?
Dexter Perkins

Teaching for Deeper Understanding and Lifelong Learning
Karl A. Wirth

Using Alignment and Reflection to Improve Student Learning
Alan P. Boyle

Visual Communication: Do You See What I See?
Barbara L. Dutrow