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Patchwork Quilts: Connections with Geometry, Technology, and Culture. Sept. 2003, 46-50.

A Path to Discovery. Apr. 2004, 458-64.

Technology Enhances Student Learning across the Curriculum. Feb. 2004, 344-49.

TI-73 Calculator Activities. May 2004, 500-508.

Transformations and Technology: What Path to Follow? Mar. 2004, 392–97. □