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Trapezoids to triangles.

Math. Teach. Middle Sch. 15, No. 7, 414-419 (2010).

From the introduction: Pattern blocks are often used in math class during geometry lessons to support concepts of shape, angle, tessellations, and symmetry. They are also used with fraction study. Using pattern blocks to construct other larger geometric shapes can help students understand the relationships among various shapes. Algebraic relationships and functions emerge when students count blocks and measure figures. The activities in this article support the development of such geometric vocabulary as *perimeter*, *area*, *sequence*, and *nonstandard measurement*.

Classification: U63 G43 H23

Keywords: teaching aids; manipulative materials; concept formation; triangle sequences; repeating tile sequences; worksheets; trapezoid pattern blocks; student activities; perfect square numbers; elementary algebra; plane geometry