

ZMATH 2007b.00497

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Making quilts without sewing: investigating planar symmetries in southern quilts.

Math. Teach. (Reston) 99, No. 4, 270-276 (2005).

Summary: This article describes an activity for "making quilts without sewing" that enables high school students to develop their understanding of planar symmetries and wallpaper patterns. This activity incorporates the culture and traditions of quilting into the study of geometry.

Classification: M83 M84 G43 G44 G93 G94 G53 G54

Keywords: mathematical applications; quilting; arts; plane geometry; tilings; symmetry; transformation geometry