

1135-F1-1289      **M. Carol Williams\*** ([carol.williams@ttu.edu](mailto:carol.williams@ttu.edu)), Department of Mathematics and Statistics,  
Texas Tech University, Lubbock, TX 79409-1042. *Quilt Designs Inspired by Ruler and Compass  
Constructions.*

We will describe how our work in the quilting arts has been inspired by classical Euclidean ruler and compass constructions. Bringing this work into the classroom, we have greatly increased our effectiveness in motivating our students, mostly future teachers, in appreciating the beauty of constructions by sharing the beauty of the quilts. (Received September 21, 2017)