

**ZMATH 2012c.00525**

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**Tennis balls, lines, and geometric transformations.**

Math. Teach. Middle Sch. 15, No. 6, 359-365 (2010).

From the introduction: Activities that use linear data as a model will help students understand linear functions. In this activity, students collect data and make connections to concepts used in geometry and measurement. Rather than teaching introductory algebra and geometry, this activity is intended to serve as a culminating task to reinforce material already learned.

*Classification:* H23 G53 I23 G73

*Keywords:* discovery learning; slope; intercepts; worksheets; educational media; geometric transformations; rotation; reflection; dilation; elementary algebra; elementary geometry; linear functions; straight lines; student activities