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Introduction

Table of Standards and Expectations, Measurement, Pre-K–12

Applet

Racing Cars

Blackline Masters and Templates

All the blackline masters listed above plus the following:

Same Speed 1

Same Speed 2

Same Speed 3

Same Speed 4

Crowded States

Solutions for the Additional Blackline Masters

Templates

Millimeter Grid Paper

Centimeter Grid Paper

Decimeter Grid Paper

Inch Grid Paper

Geodot Paper

Readings from Publications of the National Council of Teachers of Mathematics

Area of a Kite: Teaching Notes

George W. Bright

Classroom Activities for “Learning and Teaching Measurement”

Estimation as Part of Learning to Measure

George W. Bright

Measurement in School Mathematics

Assessing Proportional Thinking

George W. Bright, Jeane M. Joyner, and Charles Wallis

Mathematics Teaching in the Middle School

Discovering Pi: Two Approaches

Robert Gerver

Activities for Junior High School and Middle School Mathematics, vol. 2

How High Is a Flagpole?

John D. Hunt

Arithmetic Teacher

Now and Then: From Shadows to Surveying

Art Johnson

Mathematics Teaching in the Middle School

Areas of Polygons on Isometric Dot Paper: Pick’s Formula Revised

Bonnie Litwiller and David R. Duncan

Arithmetic Teacher

Developing Understanding of Ratio-as-Measure as a Foundation for Slope

Joanne Lobato and Eva Thanheiser

Making Sense of Fractions, Ratios, and Proportions

Understanding Student Responses to Open-Ended Tasks

Barbara M. Moskal

Mathematics Teaching in the Middle School

The Age of Trees

Robert Sovchik and L. J. Meconi

Activities for Junior High School and Middle School Mathematics, vol. 2

A Generalized Area Formula

Virginia E. Usnick, Patricia M. Lamphere, and George W. Bright

Mathematics Teacher