

Resource Handout for K-12 Teachers

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Web links to visit:

ASA GAISE Pre-K-12 Framework and GAISE College Report

<http://www.amstat.org/education/gaise/>

Georgia Department of Education – Math Standards (Note the Data Analysis Strand from K-12)

<http://www.georgiastandards.org/math.aspx>

Statistics Teachers Network (STN) article (Number 68, Winter 2006)

<http://www.amstat.org/education/stn/>

Other Valuable Resources:

NCTM Navigation Books on Data Analysis and Probability

NCTM 68th Yearbook: Thinking and Reasoning with Data and Chance (2006)

Making Sense of Statistical Studies (2009)

ASA Publication

Articles in Mathematics Teacher

Kader, Gary and Christine Franklin: *The Evolution of Pearson's Correlation Coefficient*. Mathematics Teacher; Vol. 102, No. 4, November, 2008. Focus Issue on Data Analysis and Probability.

Franklin, Christine and Madhuri Mulekar: *Is Central Park Warming?* Mathematics Teacher; Vol. 99, No. 9, May 2006.

Three Companion Articles Published in the August 2008 NCTM Journals:

Teaching Children Mathematics

“Statistics in the Elementary Grades: Exploring Distributions of Data”

Christine Franklin and Denise Mewborn

Pages 10-16

Mathematics Teaching in the Middle School

“Statistics in the Middle Grades: Understanding Center and Spread”

Gary Kader and Jim Mamer

Pages 38-43

Mathematics Teacher

“Statistics in the High School Mathematics Curriculum: Building Sound Reasoning under Uncertain Conditions”

Richard Scheaffer and Josh Tabor

Pages 56-61

Kader G. (1999) Means and MADs. *Mathematics Teaching in the Middle School*, 4:6, 398-403.