# Improving Understanding and Instruction of Probability and Statistics for Middle and High School Teachers 

June 21, 2019, 8:00 a.m.-3:30 p.m.
Brevard Public Schools
Viera High School, 6103 Stadium Parkway, Lab 4-114, Viera, FL

8:00 a.m. Welcome, Introductions, and Objectives
The goals for this bridge event are to:

- Enhance teachers' content knowledge related to key concepts and ideas in statistics
- Provide teachers with background information on statistical concepts and their relationship to Florida Mathematics Standards
- Model sample problems and provide interactive activities dealing with the concept of describing and comparing distributions with a specific emphasis on measures of center and variability
- Model sample problems and provide interactive activities dealing with the role of randomness in interpretation of results
- Provide teachers with sample student assessment items and facilitate interactive activities, and explain how these items stem from, and are in the spirit of, relevant standards
- Provide teachers with a list of resources supported by the What Works Clearinghouse, the American Statistical Association, and the National Council for the Teachers of Mathematics
- Provide opportunities for teachers to ask clarifying questions

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