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Grades 4-12

MATHEMATICS

Standard 2: Students use data collection and analysis, statistics, and probability to make valid inferences, decisions and arguments and to solve a variety of real-world problems.

Essentials

- 2M-E1. Construct, read, analyze and interpret tables, charts, graphs and data plots

Proficiency

- 2M-P1. Construct and draw inferences including measures of central tendency, from charts, tables, graphs and data plots that summarize data from real-world situations
- 2M-P2. Use appropriate technology to display and analyze data
- 2M-P5. Design and conduct a statistical experiment to study a problem and interpret and communicate the outcomes

Distinction

- 2M-D2. Test hypotheses using appropriate statistics

SOCIAL STUDIES

Standard 4: Economics. Students develop economic reasoning skills to apply basic economic concepts, assess problems, make choices, and evaluate the choices others as consumers, workers, and citizens participating in local, national, and global economies.

Essentials

- 4SS-E1. Use basic economic concepts such as trade, opportunity costs, specialization, voluntary exchange, and price incentives to examine historical events.
- 4SS-E3. Describe how consumers and businesses interact in the United States economy.
- 4SS-E4. Apply the economic concepts of scarcity and choice.
- 4SS-E5. Describe the economic benefits of specialization and exchange.
- 4SS-E7. Describe the operation of a market economy.

Proficiency

- 4SS-P1. Analyze the implications of the economic problem of scarcity.
- 4SS-P4. Analyze the similarities and differences among economic systems.