

GALA FIESTA JAMBOREE (page 257)

Grades 3-12

MATHEMATICS

Standard 1: Students develop number sense and use numbers and number relationships to acquire basic facts, to solve a wide variety of real-world problems, and to determine the reasonableness of results.

Essentials

- 1M-E5. Represent and use numbers in equivalent forms

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
- 2M-E5. Determine probabilities through experiments and/or simulations and compare the results with the mathematical expectation

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

Distinction

- 2M-D1. Transform data to aid in data interpretation and prediction
- 2M-D2. Test hypotheses using appropriate statistics

Standard 3: Students use algebraic methods to explore, model and describe patterns, relationships and functions involving numbers, shapes, data and graphs within a variety of real-world problem-solving situations.

Essentials

- 3M-E2. Describe, represent and analyze patterns and relationships using shapes, tables, graphs, data plots, verbal rules and standard algebraic notation

Proficiency

- 3M-P2. Represent and analyze relationships using written and verbal explanations, tables, equations, graphs and matrices and describe the connections among those representations

LANGUAGE ARTS

Standard 2: Students effectively use written language for a variety of purposes and with a variety of audiences.

Essentials

- W-E1. Use correct spelling, punctuation, capitalization, grammar and usage, along with varied sentence structure and paragraph organization, to complete effectively a variety of writing tasks
- W-E5. Write a report that conveys a point of view and develops a topic with appropriate facts, details, examples and descriptions from a variety of cited sources
- W-E8. Demonstrate research skills using reference materials such as a dictionary, encyclopedia and thesaurus to complete effectively a variety of writing tasks

Proficiency

- W-P1. Use transitional devices; varied sentence structures; the active voice; parallel structures; supporting details, phrases and clauses; and correct spelling, punctuation, capitalization, grammar and usage to sharpen the focus and clarify the meaning of their writings
- W-P4. Craft a cohesive research document that develops a logical argument or thesis; contains comprehensive, supporting information from a variety of credible and cited resources; and conforms to a style manual

Standard 3: Students effectively listen and speak in situations that serve different purposes and involve a variety of audiences.

Essentials

- Prepare and deliver an oral report in a content area and effectively convey the information through verbal and nonverbal communications with a specific audience

Proficiency

- Deliver a polished speech that is organized and well suited to the audience and that uses resource materials to clarify and defend positions
- Conduct an interview, taking appropriate notes and summarizing the information learned

SOCIAL STUDIES

Standard 1: History. Students analyze the human experience through time, recognize the relationships of events and people, and interpret significant patterns, themes, ideas, beliefs, and turning points in Arizona, American, and world history.

Foundations

- 1SS-F2. Describe everyday life in the past and recognize that some aspects change and others stay the same.

Essentials

- 1SS-E8. Demonstrate and apply the basic tools of historical research, including how to construct timelines, frame questions that can be answered by historical study and research, and analyze and evaluate historical materials offering varied perspectives.

Proficiency

- 1SS-P1. Apply chronological and spatial thinking to understand the meaning, implications, and import of historical and current events.
- 1SS-P3. Develop historical interpretations in terms of the complexity of cause and effect and in the context in which ideas and past events unfolded.

Distinction

- 1SS-D1. Analyze historical and current events as a historian using primary and secondary sources to evaluate the legitimacy of the commentaries of an event and draw conclusions.

Standard 3: Geography. Students analyze locations, regions, and spatial connections, recognizing the natural and cultural processes that impact the way in which people and societies live and interact with each other and their environment.

Foundations

- 3SS-F1. Construct and interpret maps and other geographic tools, including the use of map elements to organize information about people, places, and environments.
- 3SS-F2. Identify natural and human characteristics of places and how people interact with and modify their environment.

Essentials

- 3SS-E5. Describe natural and human characteristics of places and use this knowledge to define regions, their relationships with other regions, and their patterns of change.
- 3SS-E6. Describe the economics, political, cultural, and social processes that interact to shape patterns of human populations, interdependence, and cooperation and conflict.
- 3SS-E7. Explain the effects of interactions between human and natural systems, including the changes in the meaning, use, and distribution of natural resources.

Proficiency

- 3SS-P4. Analyze the interactions between human activities and the natural world in different regions, including changes in the meaning, use, distribution, and importance of natural resources.
- 3SS-P5. Apply geographic knowledge of people, places, and environments to understand the past and present and plan for the future.

Distinction

- 3SS-D3. Interpret basic patterns of agricultural and rural land use.