

# LET'S CELEBRATE (page 43)

## PreK-6

### 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.**

#### Readiness

- 1M-R3. Use manipulatives to count, order and group

#### Foundations

- 1M-F1. Represent and use numbers in equivalent forms through the use of physical models, drawings, word names and symbols
- 1M-F2. Relate counting, grouping and place-value concepts to whole numbers

#### Essentials

- 1M-E1. Read, write and order integers, whole numbers and rational numbers

**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.**

#### Readiness

- 2M-R3. Construct concrete displays of data; read and interpret elementary tables, graphs and charts

#### Foundations

- 2M-F1. Collect and analyze data using the concepts of largest, smallest, most often, least often and middle
- 2M-F2. Construct, read and interpret displays of data to make valid decisions, inferences and predictions

#### Essentials

- 2M-E1. Construct, read, analyze and interpret tables, charts, graphs and data plots
- 2M-E2. Make valid inferences, predictions and arguments based on statistical analysis

**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.**

#### Foundations

- 3M-F4. Represent and describe mathematical relationships such as order, grouping, etc.

#### Essentials

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

**Standard 5: Students make and use direct and indirect measurement, metric and U.S. customary, to describe and compare the real world and to prepare for the study of discrete functions, fractals and chaos which have evolved out of the age of technology.**

#### Readiness

- 5M-R2. Compare and order objects according to observable attributes

**Standard 6: Students use both inductive and deductive reasoning as they make conjectures and test the validity of arguments.**

#### Readiness

- 6M-R1. Sort and classify objects according to observable attributes

#### Foundations

- 6M-F4. Interpret statements made with precise language of logic

#### Essentials

- 6M-E1. Use models to explain how ratios, proportions and percents can be used to solve problems and apply reasoning processes, such as spatial reasoning and reasoning with proportions and graphs

### LANGUAGE ARTS

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

Readiness

- Listen and respond to stories, poems and nonfiction

Foundations

- Prepare and deliver information by generating topics; identifying the audience; and organizing ideas, facts or opinions for a variety of speaking purposes such as giving directions, relating personal experiences, telling a story or presenting a report

Essentials

- Predict, clarify, analyze and critique a speaker's information and point of view

**Standard 4: Students use a variety of visual media and resources to gather, evaluate and synthesize information and to communicate with others.**

Readiness

- Create visual representations of personal experiences through media such as drawing, painting, acting and puppeteering

Foundations

- Interpret visual clues in cartoons, graphs, tables and charts that enhance the comprehension of text

**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.**

Readiness

- ISS-R1. Describe how history is the story of events, people, and places in the past
- ISS-R2. Place familiar events in order of occurrence.

Foundations

- ISS-F1. Demonstrate the ability to place events in chronological sequence.
- ISS-F2. Describe everyday life in the past and recognize that some aspects change and others stay the same.
- ISS-F3. Use stories to describe past events, people and places.

Essentials

- ISS-E1. Understand and apply the basic tools of historical research.

**Standard 2: Civics/Government. Students understand the ideals, rights and responsibilities of citizenship, and the content, sources and history of the founding documents of the US.**

Foundations

- 2SS-F2. Identify and describe the symbols, icons, songs and traditions of the US that exemplify cherished ideals and provide continuity and sense of community across time.