

# Sixth Grade

## Reading, Writing & Math Curriculum Expectations

Grade level curriculum has been compiled using the Arizona Department of Education Academic Standards.

### READING

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Students will learn to do the following:

- Determine the effect of affixes on root words
- Use context to identify the meaning of unfamiliar words, words with multiple meanings, and figurative language (e.g. similes, metaphors, personification, and idioms)
- Read from a variety of genres with accuracy, immediate recognition, and expression
- Apply knowledge of the organizational structures of text to aid comprehension
- Describe the plot, plot components, theme, motivations of major and minor characters, and the point of view of the story
- Analyze the influence of setting on problem and resolution
- Draw conclusions about the style, mood, and meaning of literary text based on the author's word choice
- Identify the characteristics and structural or stylistic elements of poetry, literature, folklore, and myths from various cultures
- Summarize the main idea and critical details of expository text in logical or chronological order
- Interpret graphic features, organizational structures, and identify the author's state or implied purpose for writing expository text
- Determine author's purpose, supporting facts and details, and the intended effect of an author's strategies in persuasive writing
- Identify cause and effect relationships

### WRITING

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Writing ideas will be put on paper within a set time period using:

- Pre-writing and Drafting, Revising and Editing (proofreading, peer review)
- Publishing (considering audience and purpose)
- Time Management Strategies

Writing will include clearly focused complex sentences in multiple paragraph form. The structure and language will fit the audience and type of writing. Students will use varied word choice, subject/verb agreement, figurative language and dialogue. Capitalization, punctuation, and spelling using references will continue to be emphasized. The following Six Traits will be reinforced:

- Ideas and Content
- Voice
- Sentence Fluency
- Organization
- Word Choice
- Conventions

Writing will include the following forms:

- Narrative story based on real or imagined events
- Expressive format: Poetry, skits
- Expository format with topic details and relevant information
- Lists, charts, labels, legends, journals, newspaper articles, advertisements
- Friendly and formal letters, invitations
- Informational report using paraphrased notes from a variety of sources
- Response to literature which demonstrates an understanding of the selection, including evidence, personal experience, and comparison
- Book reports, author studies, story maps
- Persuasive format to influence the reader

### MATH

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Students will learn to do the following:

- Identify prime and composite numbers
- Identify the factors of a number
- Compare and order proper and improper fractions with like denominators
- Add, subtract, simplify fractions with like denominators
- Add subtract, multiply, and divide decimals
- Round to estimate quantities
- Estimate and measure area and perimeter
- State addition and subtraction facts to 18 and multiplication and division facts to 12's (60 in 2.5 minutes)
- Interpret graphs and Venn diagrams
- Identify the mode and the mean of given data
- Predict the probability of an event
- Find all combinations with 2 sets of items.
- Describe the rule used in a pattern
- Evaluate decimal expressions
- Describe patterns of change (constant or increasing)
- Identify, classify and draw 2- and 3- dimensional geometric figures
- Classify triangles
- Identify the diameter, radius, circumference of a circle
- Identify and draw congruent and similar geometric figures
- Convert measurements within a system
- Demonstrate reflections of a figure
- Develop a method to calculate area of simple polygon