

# Fourth 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:

- Use knowledge of root words, affixes, context to determine meaning of unknown words
- Identify figurative and literal language
- Use a variety of sources to learn about words
- Recognize antonyms, synonyms, and homonyms
- Read from familiar text and poetry with ease and appropriate rhythm, pacing, intonation, and expression
- Identify main idea and supporting details
- Predict and confirm what story will be about using prior knowledge and text features
- Ask questions, use graphic organizers, determine cause and effect, make inferences, and draw conclusions to comprehend text
- Identify main problem, resolution, moral, major and minor characters, character traits, and setting in literature
- Compare/contrast characters, events, setting
- Distinguish cause and effect
- Identify characteristics and structural elements of poetry and other common forms of literature (e.g., short story, biography)
- Compare literature from a variety of cultures
- Distinguish fact from opinion in expository text
- Determine author's purpose and/or position for writing expository and persuasive text
- Locate information through knowledge of organizational features of expository and functional text
- Identify print and electronic references sources

### WRITING

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Students will learn to do the following:

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 descriptive words and clearly focused complex sentences in multiple paragraph form. The structure will fit the type of writing. Students will use varied word choice, subject/verb agreement, and experiment with 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 3
- 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