

## Fifth Grade

### Reading, Writing & Math Curriculum Expectations

Grade level curriculum has been compiled using the Arizona Department of Education Academic Standards and Federal Common Core standards.

#### READING

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Students will learn to do the following:

- Determine the meaning of figurative language, including similes, personification, and idioms
- Use context to determine the relevant meaning of a word with multiple meanings (e.g., hatch, arm, boot)
- Read from familiar text and poetry with ease and appropriate rhythm, pacing, intonation, and expression relevant to the text
- Predict and confirm accuracy
- Identify the plot components, theme, narrative point of view, and all aspects of the setting
- Analyze how a character's traits influence the character's actions
- Identify types of poetry and genres of fiction based upon their characteristics
- Generate clarifying questions and make connections to text
- Distinguish fact from opinion in expository text, using supporting evidence from text
- Locate appropriate print and electronic reference sources for a specific purpose
- Name cause and effect relationships (stated and implied)
- Determine an author's position regarding an idea, subject, concept or object, using supporting evidence from text
- State the intended effect of persuasive vocabulary and strategies used by the author to influence readers' opinions
- Use ready strategies to comprehend text

#### 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. 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 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