

## Second 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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Reading Process consists of the Five Pillars of Literacy which are critical components of reading: Phonemic Awareness, Phonics, Fluency, Vocabulary, and Comprehension of connected text. These elements support each other and are woven together to build a solid foundation of linguistic understanding for the reader. Students will learn to do the following:

- Alphabetize words to the second letter
- Blend sounds to form two syllable words
- Separate two syllable words into individual sounds using markers for each sound
- Use knowledge of word order and context to confirm decoding
- Use letter-sound knowledge and syllabication rules to read two and three syllable words
- Recognize regular and irregular plurals when reading (e.g., hat/hats, fly/flies)
- Read common abbreviations and contractions fluently
- Use knowledge of vowel pairs and r-controlled sounds to read words
- Recognize high frequency words
- Identify and use simple prefixes to understand and read words (e.g., un-, re-)
- Identify and use simple suffixes to understand and read words (e.g., -ful, -ly)
- Recognize the words represented by common abbreviations (e.g., Mr., Ave., Oct.) and contractions
- Determine the meaning of compound words using the knowledge of the individual words
- Read grade level text quickly with +90% accuracy, sounding like natural speech
- Use punctuation to guide fluent reading
- Predict what will happen in a story, compare to actual story events, and draw conclusions
- Identify, describe, compare story events, characters, plot, setting, cause and effect
- Locate facts, details, and main idea
- Identify differences between fiction and nonfiction
- Follow a set of written multi-step directions, checking that all steps were followed in the correct order

#### WRITING

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Research has established the major steps of the writing process. These steps are identified in the five concepts of this strand, each supported with specific performance objectives. While all steps are needed and used by effective writers as they compose text, different skills may be emphasized in individual assignments.

These steps may be used recursively as a piece moves toward completion. Throughout the process, students should reflect on their own writing skills, set goals, and evaluate their own progress.

Considering the audience and purpose of the writing, ideas will be put on paper using the following:

- Pre-writing (webbing) and Drafting
- Revising and Editing (using simple resources)
- Publishing

Writing will include engaging sentences with transitional and descriptive words. Students will spell words, use capitalization rules, and punctuation correctly. The following Six Traits will be reinforced:

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

Writing will include the following forms:

- Story which includes character, main idea, and events
- Poetry, rhymes, chants
- Labels, lists, observations, journals
- Friendly letters
- Simple research report using references
- Response to literature using elements and connections

#### MATH

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Every student should understand and use all concepts and skills from the previous grade levels. The standards are designed so that new learning builds on preceding skills and are needed to learn new skills. Communication, Problem-solving, Reasoning & Proof, Connections, and Representation are the process standards that are embedded throughout the teaching and learning of mathematical strands.

- Identify, write, and compare numbers 0-999
- Add and subtract with regrouping
- Model place value of ones, tens, hundreds and thousands
- State multiplication facts 2's, 5's, 10's (untimed)
- Identify odd and even numbers
- Use ordinal numbers (first, second, etc.)
- Count money to \$5.00
- Use mental math and estimation strategies
- State addition and subtraction facts to 20 (60 in 4 minutes)
- Make and interpret simple charts, graphs, and tables
- Make predictions for simple probability experiments
- Describe, extend and create patterns
- Find the missing element in number sentences
- Recognize congruent shapes
- Identify line of symmetry of simple shape
- Use appropriate units of measure
- Tell time to the quarter hour
- Identify the concepts of some, all, none in the context of logical reasoning