Welcome to Second Grade

Second graders are settling in with their experiences from kindergarten and first grade. It is a year to accelerate thinking, deepen understanding, and expand their skills. Students can build on what they have learned in previous years by reading more complex text, writing longer and detailed pieces, and engaging in research projects. These readers will compare and contrast multiple texts using the reading strategies they learned in kindergarten and first.

Similarly in math, students will strengthen their use of addition, subtraction, and place value strategies. Students may work with numbers to a hundred or thousand depending on the mathematical concept. Social students move from the community level of first grade into the world for second. Science builds on their understanding of systems, cycles, and causal relationships. Reading, writing, math, science, and social studies will work together to provide rich learning opportunities as students learn essential concepts across each subject area.

Daily Conversation Starters
Tell me about the best part of your day. Do you think (math, reading, etc.) was hard or easy today? Share something new you know today that you didn't yesterday? What was your biggest thought today?
English Language Arts

Foundational Skills
- Read words with common prefixes & suffixes.
- Read irregularly spelled words.

Reading
- Fiction texts (Literature)
  - Read and understand a variety of literature from multiple cultures
  - Identify key characteristics of literature
  - Describe overall structure of a story or poem
  - Ask and answer questions
  - Determine central idea of a story or poem
- Nonfiction texts (Informational)
  - Identify main ideas of multi-paragraph text
  - Ask and answer questions about the world around them
  - Make connections between historical events, scientific ideas, or steps in technical procedures
  - Use text features (headings, tables, glossaries, etc) to locate facts
  - Compare/contrast important points between two texts of the same topic

Writing
- Write opinion and explanatory pieces (supporting ideas, linking words, conclusion).
- Write narratives (events, actions, thoughts).
- Revise writing based on feedback.
- Gather information from provided sources to answer questions.
- Use correct grammar.
- Identify and write sounds, root words, prefixes, and suffixes.

Mathematics
- Add up to three, two-digit numbers.
- Solve story problems with addition of up to three, two-digit numbers, using any needed strategy to add and subtract through 1,000.
- Tell and write time to the nearest five minutes using an analog or digital clock.
- Recognize a variety of coins and bills to solve real-world problems involving collections of money.
- Understand place value of all numbers through 1,000 and add and subtract numbers within 100.

Science
- Develop an understanding of causal relationships as students investigate how objects can impact other objects from a distance or by contact with each other. They also develop systems thinking as they investigate how organisms interact with Earth for survival, and how life systems have cycles.

Social Studies
- Develop understanding of the world around them to learn how other cultures and civilizations are interconnected and have influenced who we are as a community, state, and nation.
- Skills covered this year include:
  - Working together to solve problems
  - Individual and leadership roles
  - Earning, spending, and saving money in a global community
  - Identifying regions using geographic models
  - Influence of weather and climate
  - Development and change of civilizations and cultures
  - Societal institutions and their belief systems

Visual Arts
- Identify art in the world around them.
- Identify the following elements of art in artwork and in life, and create artwork using the following elements of art:
  - Color Schemes: Primary and secondary, Warm and cool.
  - Adding and mixing colors.
  - Line: Wavy, zig-zag, broken, thin, thick, horizontal, vertical, diagonal
  - Shape: Geometric (diamond, rectangle, circle, triangle, star, oval, square) and Organic shapes
  - Patterns: Recognize types of patterns and create patterns in my artwork

Physical Education
- Flexibility: palms on ground
- Abdominal Strength: 8 curl ups
- Skip: figure 8
- Gallop: transition from dominant to non-dominant
- Slide: transition from dominant to non-dominant
- Rhythm: jump rope 5 times
- Moving Balance: toe to heel walking backwards
- Underhand Throw: small ball
- Catch: small ball
- Dribbling: figure 8

Technology
- Extend Internet safety with strategies for cyberbullying prevention.
- Build on knowledge of hardware fundamentals including printers, scanners and data storage.
- Introduce software fundamentals.
- Practice Keyboarding.
- Use Word processing to create document.
- Learn about databases and spreadsheets.

Adopted Curriculum
Arizona State Academic Standards

Curricular Resources
Fundations
Benchmark Advance
Step Up to Writing
iReady Reading
MyMath
iReady Math
The PBL Project
Learning.com
Discovery Education

Source: Arizona Department of Education | Academic Standards by Subject