Welcome to Fifth Grade

Fifth grade is a year of developing a greater degree of independence. Students are acquiring advanced problem solving and decision making strategies. They have increased their listening and responding skills. Flexible thinking becomes a driving force. Students reading grade level text, nonfiction and fiction, is essential for them, just has it has been in previous years. Cross-curricular integration in social studies and science occurs as students learn their social studies and science concepts using English language arts as a vehicle to obtain, process, and understand. Evidence, directly from the text, is amplified in this grade level as students will use direct quotes to explain and justify responses. Social studies focuses on the American Revolution to Industrialism and science examines matter, genetics, and our earth. This is the year students join band, sing in choir, and pursue visual art. It’s the beginning of the transition phase from elementary into middle school.

Talking with and listening to your child every day about what is happening in school and their lives is a powerful way to support their learning. Have them use the vocabulary they are learning in school. Encourage reading in any and all ways. Magazines, informational books, sports manuals, novels, and comics are just a few types of reading materials fifth graders may enjoy. Draw connections to what they are learning in school to their extracurricular activities. Ask them to share their thinking and continue to 'think out loud' to model decision making and processing.

Daily Conversation Starters
Tell me about the best part of your day. Do you think (math, ELA, etc.) was hard or easy today? Share something new you know today that you didn’t yesterday? Tell me about your grades in (math, ELA, etc.) What can I help you with or study? What’s coming up in (math, ELA, etc)?
English Language Arts

**FOUNDATIONAL SKILLS**

Use a variety of strategies to determine what an unfamiliar or unknown word means.
Self-check understanding when reading text.

**READING**

Fiction texts (Literature)
- Determine themes in literary texts.
- Analyze elements of literature, including an author’s use of figurative language.
- Quote accurately by referring to the text.
- Compare and contrast different texts.
- Analyze the way a text is structured.
Nonfiction texts (Informational)
- Read text from a variety of context areas (e.g. social studies, science, technical, etc.)
- Determine meaning from reading informational texts.
- Quote text accurately by referring to the text.
- Summarize informational text accurately.
- Integrate information gained from a variety of texts to determine different points of view.

**WRITING & LANGUAGE**

Write opinion and explanatory pieces (supporting ideas, linking words, precise vocabulary, conclusion)
Write narratives (events, details, dialogue, etc)
Revise writing based on feedback
Conduct short research projects to build knowledge
Plan, draft, revise and edit to produce writing
Utilize keyboarding skills to complete writing task
Use 5th grade grammar, capitalization, punctuation, and spelling

**Mathematics**

- Identify x and y axis on a coordinate plane, graph and label points when given an ordered pair
- Solve numerical expressions with parentheses and brackets
- Place grouping symbols in equations to make the equation true
- Write simple expressions without evaluating them by interpreting what was written
- Add, subtract, multiply and divide decimals and fractions with unlike denominators
- Divide a unit fraction by a whole number using visual models

**Science**

Apply understanding of scale at micro levels as students investigate changes in matter and at macro levels as they investigate patterns of genetic information and movement between Earth and Moon.

**Social Studies**

Understand the American Revolution to Industrialism (1763 to 1900s)
- Industrialism (the American Revolution, constitutional convention, westward expansion, Civil War and Reconstruction, & growth of industrial and urban America.)
- Economic, political, and geographic elements.
- Creation of the Constitution and the principles within the document including historical and philosophical influences, influence of state constitutions, Articles of Confederation, compromises and ratification debates at the Constitutional Convention, Bill of Rights, limited government, popular sovereignty, federalism, rule of law, checks and balances, and separation of powers.
- Development & structure of the national government.
- Influence of immigration including push/pull factors, industrialization,urbanization, diversification of the population, and debates over immigration.
- Contributions of various cultural and ethnic groups to the changing social and political structure of the United States.
- Citizen roles and Responsibilities.

**Physical Education**

Fifth graders will work on the following:
Cardiovascular Endurance: Run a mile in 12 minutes.
Muscular Strength and Endurance: Complete 25 push-ups and 35 curl-ups
Flexibility: Bend over and touch their toes with straight legs or sit down and touch their toes with straight legs.

**Visual Arts**

Explore the impact of 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 and principals of design:
- Color Schemes: Primary, secondary, tertiary, neutral, analogous, complementary, warm, cool, tints and shades.
- Value: The lightness or darkness of a color or object.
- Space: size, placement, overlapping, proportion
- Balance: Symmetric, asymmetric, radial

**Music**

Identify the parts of an instrument.
Assemble, clean and maintain instrument.
Produce a characteristic sound.
Play the first 8 pitches presented in the beginning method book.
Identify, count, and play the following rhythmic durations: whole note, half note, quarter note, eighth note pair, dotted half note and corresponding rests.
Identify and apply to performance the following symbols.
Identify and apply to performance the musical vocabulary: Tempo, solo, soli, tutti, duet, divisi, pick up note, articulation, embouchure, key signature.
Percussion: Identify and apply to performance the following rudiments: Paradiddle, flam, flam tap, bounce strokes.

**Technology**

Practice online safety with safe texting and email.
Practice keyboard at 15 WPM and 80% accuracy.
Learn online information basics.
Master internet usage, browsing, searches, validity, and sources of websites and urls.
Use formulas in spreadsheets.
Master the creation of presentation slides.
Learn about databases and presentation software.
Learn modeling in coding basics.

**ADOPTED CURRICULUM**

Arizona State Academic Standards

**CURRICULAR RESOURCES**

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