



STATE AND DISTRICT SUPPORT LINKS

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 Reading and Math

SUPPORT AT HOME

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.

Encourage reading in any and all ways. Help children share their thought process while working through a task, reading a book, completing a procedure, making decisions, and working to solve problems. Reading and writing at home continues to be one of the most effective ways to strengthen skills and knowledge.

As with previous grade levels, reading does not have to be from a traditional novel. Gaming guides and directions can be of high interest to children.

Welcome to Fourth Grade

Fourth grade is about expanding educational horizons as readers, mathematicians, historians, and scientists. As with previous grades, it is an expectation that students read grade-level text. Learning how to navigate unfamiliar, complex, and unknown words and concepts will be essential in the school years to come (and in life).

Consider fourth grade the year of multiples. Reading, processing, comparing, contrasting, and analyzing multiple texts in reading. In social studies learning is focused on multiple historical concepts, theories, and events of the Americas. Science is delving further into systems, system models, change, and stability. The mathematical concepts highlighted in fourth grade include multi-digit addition, subtraction, multiplication, and division. Students use what they learned in third grade to further amplify these in fourth grade.



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)

- Use key details to determine theme
- Use text details to make inferences, make comparisons, and connect ideas
- Refer to the text when asking or answering questions
- Explore differences between poems, plays, & stories
- Determine meaning of key words & phrases
- Compare how similar ideas & themes are presented in texts from different cultures

Nonfiction texts (Informational)

- Determine how structure and presentation help organize ideas and details in text
- Determine central idea of text and how key details contribute
- Locate text evidence to support answers and opinions
- Make connections between series of historical events, scientific ideas or steps in technical procedures
- Find the meaning of key vocabulary words
- Use various text features (e.g glossary) to locate key information

WRITING & LANGUAGE

Write opinion & explanatory pieces (supporting ideas, linking words, conclusion).

Write narratives (events, details, dialogue, etc).

Revise writing based on feedback.

Conduct short research projects (covering different aspects of a topic).

Gather information to answer questions.

Produce writing organized for specific task, audience and purpose.

Use 4th grade grammar, capitalization, punctuation, and spelling.

Construct proper paragraph.

Determine word meaning using root words (Greek, Latin), prefixes, suffixes, text clues and dictionaries.

Mathematics

Add and subtract multi-digit numbers.

Understand place value through 1,000,000.

Multiply and divide multi-digit number.

Add and subtract fractions with like denominators, multiply by them by whole numbers, and learn about equivalent fractions.



Science

Apply systems and system models as students investigate how energy and the availability of resources affects Earth systems (geosphere and biosphere). They also develop an understanding of stability and change with regards to how populations of organisms and Earth have changed over time.

Social Studies

Study the Americas:

- Theories of first peopling of the Americas.
- The development of Mesoamerican and South American civilizations.
- American Indian life in the Americas prior to European exploration the peoples in the Southwest, Pacific Northwest, nomadic nations of the Great Plains, and the woodland peoples east of the Mississippi River.
- Causes and consequences of European exploration and colonization.
- Environmental, political, and cultural consequences of the interactions among European, African, and American Indian peoples in the late 15th-17th centuries.
- Regional settlement patterns, significant developments, and life in the Southern, Middle, and New England colonies.
- Roles and responsibilities as members of a society.
- Contributions of various cultural and ethnic groups to the development of the Americas.
- Examination of primary and secondary sources.
- Disciplinary skills and processes- change and continuity over time, multiple perspectives, using and understanding sources, and cause & effect.

Music

Identify and apply to performance:

Pitches on the staff by location & note name
Rhythmic durations: whole note, dotted half note, half note, quarter note, eighth note pair and corresponding rests

Musical symbols: treble clef, measure, double bar line, repeat sign, triple and duple meter, piano, forte

Visual intervals: repeat, step and skip

- Form: AB and ABA
- Aural perception: unison, harmony, major, minor
- Melodic direction: moves up, moves down, stays the same
- Instrument families: woodwind, brass, percussion, strings
- Solfège: Do, Re, Mi, Fa, So



Physical Education

Fourth graders will work on the following:
Cardiovascular Endurance: Run a mile in 13 minutes.

Muscular Strength & Endurance: Complete 20 push-ups & 30 curl-ups.

Flexibility: Bend over & touch their toes with straight legs or sit down and touch their toes with straight legs.

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 (red, yellow, blue) and secondary (orange, green, violet), Warm (red, yellow, orange) and Cool (blue, green, violet)
- Tint: If I add white to a color, it will become lighter.
- Shade: If I add black to a color, it will become darker.
- Shape: 3D forms (sphere, cube, cylinder, pyramid, cone)
- Space: Positive space and negative space
- Balance: Symmetric, asymmetric, radial

Technology

Learn safekeeping of personal information and communicating online.

Practice keyboard at 10 WPM & 80% accuracy.

Learn online information basics.

Master creating and organizing information.

Gain proficiency in proofreading and editing word processing.

Begin learning 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