

What is my fourth grader learning at school?

Grade Four

SELECTED GRADE LEVEL EXPECTATIONS FOR FOURTH GRADE STUDENTS

Bulleted (•) items are **examples** of fourth grade expectations, but do not represent the entire curriculum.

READING

Selects and reads a variety of text

- Reads a variety of genre including fiction, non-fiction and poetry
- Interprets charts, maps, graphs, timelines
- Recognizes format variations in text

Applies strategies and skills

- Sets purpose for reading
- Adjusts rate for purpose and text difficulty
- Rereads and reads ahead
- Uses dictionary, atlas and encyclopedia
- Categorizes information using graphic organizer
- Uses a variety of strategies to build vocabulary

Reads independently

- Summarizes what has been read independently
- Keeps a record of reading
- Identifies strengths and needs as a reader

Demonstrates comprehension in oral and written reading response

- Summarizes reading
- Makes inferences about similarities in characters across text
- Identifies point of view
- Differentiates fact from opinion
- Identifies authors purpose
- Explains similarities and differences among text

WRITING

Uses writing process effectively for a variety of purposes and audiences

- Shows evidence of planning
- Drafts well-developed paragraphs
- Revises and proofreads drafts
- Produces personal experience narrative, content-based summary, report and process explanation

Uses information from a variety of sources

- Locates information using library system
- Uses variety of reference materials

- Compiles and prepares simple bibliography

Spelling

- Makes few errors in high frequency words
- Uses dictionary/spell checker
- Uses variety of spelling strategies (phonics, endings, syllables)

Writes neatly

- Uses correct letter formation and consistent spacing and size
- Writes legibly
- Uses cursive

Speaks effectively for a variety of purposes and audiences

- Participates in small group presentation
- Presents an explanation speech
- Paraphrases and orally summarizes

Listens actively

- Listens to distinguish fact from fiction
- Restates and responds to what has been said

MATH

Number Sense

- Converts decimals to fractional equivalents (e.g., $.25 = 1/4$)
- Compares and orders fractions with like and unlike denominators
- Apply equalities and inequalities of whole numbers from 0 to 100,000

Algebraic Concepts

- Using a variable (y) solves addition, subtraction or multiplication problems (e.g., if $y \times 3 = 9$ and $y \times 4 = 12$ then $y = 3$)
- Using a T-chart explain how the change in one quantity is related to a change in another
- Demonstrate balance and equality in an equation

Statistics and Probability

- Collect and display data using line, dot plots, circle, bar graphs or pictographs
- Determines median, mode, range and mean
- Determine and describe the number of outcomes obtained from a variety of chance devices

Geometry

- Define, describe and identify similarity, congruence and symmetry
- Use vocabulary and show examples of: parallel, perpendicular, intersecting lines, angles, rays
- Measure sides and perimeters of geometric shapes and determine area using standard units

Measurement

- Find the area of rectangular regions without using a formula (e.g., counting squares, using arrays)
- Describe and use units for measuring length, area, volume, capacity and temperature in U.S. customary and metric units
- Measure the length of objects to the nearest half inch and nearest centimeter

Computation

- Demonstrate addition and subtraction of proper fractions and mixed numerals
- Multiply two digits by two digits and three digits by one digit with regrouping
- Division of three digits by one digit with remainders

SCIENCE

Scientific Investigation

- Asks testable questions
- Collects data
- Displays and discusses result

Physical Science

- Describes the properties of water, the water cycle, landforms shaped by water erosion and why water is a conserved natural resource in Colorado

Life Science

- Describes how Colorado wildlife is adapted to specific life zone ecosystems

Earth and Space Science

- Compares, contrasts, and quantifies Earth's characteristics as a planet to other planets in our solar system

Technology and Careers

- Identifies careers related to each of the three investigations
- Identifies technology used in their daily life

Science as a particular way of knowing

- Predicts future events based upon observable patterns

SOCIAL STUDIES

History

- Places in chronological order significant people, groups, and events in the history of Colorado in various ways

Geography

- Investigates the influence of the geography of Colorado on the following: settlement, use of resources and economic growth

Civics

- Identifies various examples of government prior to statehood

Economics

- Describes the "boom and bust" economy of Colorado

*Culture is integrated into all standards

PHYSICAL EDUCATION

Demonstrates skills and applies concepts

- *Locomotion/Rhythm*: Performs jumping skills (e.g. tinkling skills,

Chinese jump ropes, jump bands)

- *Body Management:* Transfers weight from feet to hands combined with rolling, balance, and locomotor movements
- *Manipulatives:* Utilizes manipulative skills in a small game situation (e.g. catching, throwing, volleying, striking, kicking, dribbling, hand/foot)
- *Movement:* Develops patterns and combinations of movements into repeatable sequences

Participates in regular physical activity and demonstrates the components of health-related fitness

- Demonstrates and/or identifies specific physical activities that develop muscular strength, endurance, flexibility, and aerobic components

Demonstrates safe, responsible behavior and positive social interaction

- Works cooperatively and productively with a partner or small group
- Works safely and productively on assigned tasks
- Listens and follows instructions

MUSIC

Demonstrates musical skills and creative self expression

- Demonstrates proper vocal technique
- Demonstrates proper instrumental technique
- Improvises melodic or rhythmic question and answer phrases

Demonstrates knowledge of musical concepts

- Reads, writes and/or performs rhythmic and melodic notation
- Demonstrates knowledge of composers and musical styles
- Analyzes music using appropriate terminology

Cooperates and participates in classroom musical activities

- Demonstrates appropriate behavior in a variety of performance and class settings
- Follows directions and rules

ART

Demonstrates art skills and creative self expression

- Creates works of art expressing ideas and emotions
- Uses a variety of media, tools, techniques and processes to create works of art

Demonstrates knowledge of art concepts

- Uses art elements and recognizes design principles in works of art
- Recognizes, compares and contrasts 2 or more different artists and/or cultures
- Uses appropriate art vocabulary to analyze and interpret meaning in works of art

Cooperates and participates in classroom art activities

- Demonstrates appropriate behavior
- Participates in all art activities and completes assignments on time

For more information about what your child needs to learn at this grade level, visit our website at <http://adams12.org> and click on the Learning Services and Curriculum Framework links.