

Science

SCIENTIFIC INQUIRY

- Asks scientific questions.
- Generates hypotheses.
- Follows or designs a procedure to answer a scientific question.
- Records and analyzes data collected in an investigation.
- Draws conclusions from data collected in an investigation.
- Explains how scientific ideas change over time.

POPULATIONS AND ECOSYSTEMS

- Ecosystems
- Energy and Matter Cycle through Ecosystems
- Biomes

MATTER, ENERGY, AND FORCES

- Matter
- Energy
- Simple Machines

Social Studies

GEOGRAPHY

COLORADO HISTORY

- Native Americans
- Explorers, Trappers, Miners, Settlers
- Government
- Resources

Standards being assessed:

Reading: The student demonstrates the ability to read and comprehend a variety of grade level/course appropriate text

Writing: The student writes to communicate effectively for a variety of purposes and audiences

Number Sense: The student demonstrates and communicates an understanding of number sense while solving a variety of problems

Computation: The student demonstrates an understanding of computational skills and techniques and uses these to solve a variety of problems

Additional Math Content Standards 4-6:

Algebra: The student represents, describes, predicts, solves problems and predicts changes using tables, words, objects, symbols, pictures or graphs.

Data Analysis, Statistics and Probability: The student demonstrates an understanding of data collection, data analysis, measures of central tendency and solves problems using multiple strategies.

Geometry: The student identifies, compares, transforms and solves problems using geometric shapes, symbols and coordinate geometry.

Measurement: The student uses appropriate tools to describe, compare, order, estimate, measure and solve problems of time, length, perimeter, temperature, weight, distance, area, volume and angles



Fourth Grade Elementary Progress Report Trimester Skills

For a “3” First Trimester:

READING

- 4.4.1 Begins to identify and use new vocabulary through the use of appropriate resources with teacher assistance.
- 4.4.1 Begins to use new vocabulary through the use of structural analysis and context skills.
- 4.4.2 Begins to use knowledge of literary elements through written and oral responses to demonstrate understanding of fiction text.
- 4.4.2/3 Reads and comprehends current grade level text.
- 4.4.2/3 Applies numerous strategies to comprehend a variety of grade level texts (fiction and non-fiction).
- 4.4.3 Begins using text features and text structure to understand nonfiction text.

WRITING

- 4.3.1 Narrows topic, selects form of writing, plans and drafts independently.
- 4.3.1 Explores varied forms of writing to address different purposes and audiences, emphasizing writing to describe.
- 4.3.1 Begins to write multi-paragraph pieces focused on connecting ideas with simple transitions between sentences and paragraphs.
- 4.3.1/2 Uses revision strategies for Ideas/Content, Organization and Word Choice with assistance.
- 4.3.2 Begins to use revision strategies for Voice with assistance
- 4.3.3 Edits with assistance selected grade level conventions and spelling.
- 4.3.3 Begins to use appropriate resources to check written work.

MATH: NUMBER SENSE

- 4.1.1 Reads, writes, identifies and demonstrates the value of whole numbers through 10,000.
- 4.1.2 Orders and compares numbers 0 - 10,000.
- 4.1.2 Converts fractions to decimals.
- 4.1.3 Demonstrates properties of addition in oral and written form.
- 4.1.4 Estimates and explains reasonableness of solutions and thought processes in determining solutions.

MATH: COMPUTATION

- 4.6.1 Memorizes and uses multiplication facts 0 - 12.
- 4.6.2 Demonstrates and explains addition and subtraction of whole numbers with and without regrouping, with totals to 100,000 using paper/pencil.
- Uses oral/written language to communicate an understanding of each math standard

For a “3” Second Trimester:

READING

- 4.4.1 Identifies and uses new vocabulary through the use of appropriate resources with teacher assistance as needed.
- 4.4.1 Practices using new vocabulary through the use of structural analysis and context skills.
- 4.4.2 Practices using knowledge of literary elements through written and oral responses to demonstrate understanding of fiction text.
- 4.4.2/3 Reads and comprehends current grade level text.
- 4.4.2/3 Applies numerous strategies to comprehend a variety of grade level texts (fiction and non-fiction).
- 4.4.3 Practices using text features and text structure to understand nonfiction text.

WRITING

- 4.3.1 Narrows topic, selects form of writing, plans and drafts independently.
- 4.3.1 Explores varied forms of writing to address different purposes and audiences, emphasizing writing to explain.
- 4.3.1 Writes multi-paragraph pieces focused on connecting main ideas and supporting details with emphasis on each detail with assistance.
- 4.3.1/2 Uses revision strategies for Ideas/Content, Organization, Word Choice and Voice with assistance.
- 4.3.2 Begins to use revision strategies for Sentence Fluency with assistance.
- 4.3.3 Edits with assistance selected grade level conventions and spelling.
- 4.3.3 Continues to use appropriate resources to check written work.

MATH: NUMBER SENSE

- 4.1.1 Reads, writes, identifies and demonstrates the value of whole numbers through 100,000.
- 4.1.2 Orders and compares numbers 0 - 100,000.
- 4.1.2 Converts decimals to fractions.
- 4.1.3 Demonstrates properties of addition, and subtraction in oral and written form.
- 4.1.4 Estimates and explains reasonableness of solutions and thought processes in determining solutions.

MATH: COMPUTATION

- 4.6.1 Memorizes and uses multiplication facts 0 - 12 and multiples of 10, 100, 1000.
- 4.6.2 Adds multiple numbers.
- 4.6.2 Multiplies 2-digit by 1-digit numbers with and without regrouping using paper/pencil.
- Uses oral/written language to communicate an understanding of each math standard

For a “3” Third Trimester:

READING

- 4.4.1 Applies structural analysis, context skills, and resources (e.g., dictionary, glossary) to identify and use new vocabulary.
- 4.4.2 Uses knowledge of literary elements and terms (e.g., setting, plot, character, dialogue, figurative language) to enhance understanding of fiction text.
- 4.4.2/3 Reads and comprehends grade level text at a DRA 40.
- 4.4.2/3 Applies appropriate strategies to comprehend a variety of grade level text (fiction and non-fiction).
- 4.4.2/3 Selects appropriate text based on the purpose for reading and reading level.
- 4.4.3 Uses text features (e.g., maps, charts, tables, graphs) and text structure (e.g., cause/effect, compare/contrast) to understand non-fiction text.

WRITING

- 4.3.1 Narrows topic, selects form of writing, plans and drafts independently.
- 4.3.1 Uses varied forms of writing to address different purposes and audiences.
- 4.3.1 Writes multi-paragraph pieces identifiable story lines or main ideas, relevant supporting details, appropriate organization and format, and simple transitions.
- 4.3.1/2 Revises writing to improve Ideas/Content, Organization, Word Choice, Voice and Sentence fluency.
- 4.3.3 Edits with assistance selected grade level conventions and spelling.
- 4.3.3 Demonstrates knowledge of grammar and usage (e.g., simple and compound sentences, regular and irregular verbs, homophones).
- 4.3.3 Uses appropriate resources to check written work.

MATH: NUMBER SENSE

- 4.1.1 Reads, writes, identifies and demonstrates the value of whole numbers through 100,000 and decimals, fractions and mixed numbers through hundredths.
- 4.1.2 Orders and compares numbers 0 - 100,000 and fractions and decimals through hundredths.
- 4.1.2 Converts decimals, common fractions, and simple mixed numbers.
- 4.1.3 Demonstrates properties of multiplication, addition, and subtraction in oral and written form.
- 4.1.4 Rounds numbers from 0 - 100,000.
- 4.1.4 Estimates solutions and explains reasonableness of solutions and thought process used in determining solutions.

MATH: COMPUTATION

- 4.6.1 Memorizes and uses multiplication and division facts 0 - 12 and multiples of 10, 100, 1000; maintains addition and subtraction skills.
- 4.6.2 Adds, subtracts, multiplies, and divides whole numbers.
- 4.6.3 Adds and subtracts fractions with like denominators and decimals to hundredths.
- 4.6.3 Identifies which operations were used to solve problems involving whole numbers, decimals, and fractions in oral and written form, and explains why these operations were used.
- Uses oral/written language to communicate an understanding of each math standard