

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.

THE NATURE OF MATTER

- Physical Properties of Matter
- Physical and Chemical Changes in Matter

THE CHANGING EARTH

- Theories that Explain Ways the Earth Has Changed Over Time
- Formation of New Crust, Mountains, Earthquakes, and
- Volcanoes

Social Studies

GEOGRAPHY

- Map Reading Skills
- The Western Hemisphere

THE WESTERN HEMISPHERE

- Canada
- Latin America

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

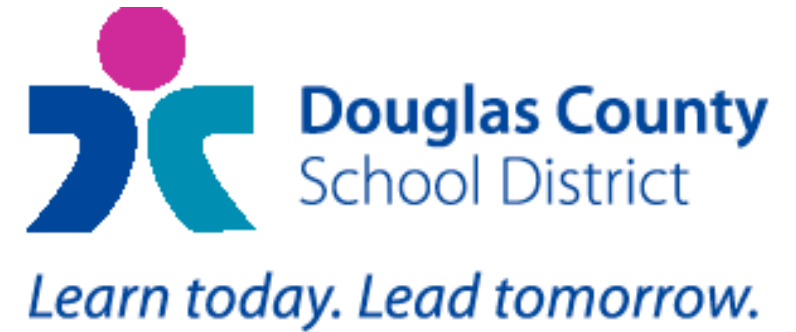
Additional Math Content Standards 4-6:

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



Sixth Grade Elementary Progress Report Trimester Skills

For a “3” First Trimester:

READING

- 6.4.1 Regularly uses new vocabulary and resources (e.g., dictionary, glossary, thesaurus) in response to text in different subject areas, with teacher assistance.
- 6.4.2 Uses knowledge of literary elements (e.g., author bias, conflict, mood, figurative language) to enhance understanding of fiction text.
- 6.4.2/3 Reads and comprehends grade level text.
- 6.4.2/3 Applies numerous strategies (e.g., inferring, predicting, questioning, self-monitoring, summarizing, comparing and contrasting, making connections) to comprehend a variety of grade level texts.
- 6.4.2/3 Selects appropriate text or resource when given a purpose for reading and identifies characteristics of various genre.
- 6.4.3 Uses text features (e.g., tables, diagrams, graphs, bullets) and text structure (e.g., enumeration, cause/effect, compare/contrast) to comprehend non-fiction text.

WRITING

- 6.3.1/2/3 Uses all steps of the writing process to produce a final copy.
- 6.3.1 Begins to choose varied forms of writing to address different purposes and audiences.
- 6.3.1 Selects topics and develops multi-paragraph fiction or non-fiction pieces focused on connecting main ideas and supporting details, using varied transitions, adjusted pacing, and appropriate organizational format.
- 6.3.2 Effectively uses voice, word choice, and varied sentence lengths, types, and patterns to add clarity and interest.
- 6.3.3 Uses correct age appropriate capitalization, punctuation, grammar, and spelling.
- 6.3.3 Uses appropriate resources (e.g., dictionary, thesaurus) to check written work.

MATH: NUMBER SENSE

- 6.1.1 Reads, writes, identifies and demonstrates the value of whole numbers through 1,000,000,000, and the value of zero in whole numbers and decimals.
- 6.1.2 Orders and compares numbers 0 - 1,000,000,000.
- 6.1.2 Converts fractions to decimals.
- 6.1.3 Demonstrates properties of addition in oral and written form.
- 6.1.4 Estimates and explains reasonableness of solutions and thought processes in determining solutions.

MATH: COMPUTATION

- 6.6.1 Memorizes and uses multiplication facts 0 - 12.
- 6.6.1 Multiplies multiples of 10 by each other.
- 6.6.2 Demonstrates and explains addition, subtraction, and multiplication problems with whole numbers using paper/pencil.
- Uses oral/written language to communicate an understanding of each math standard

For a “3” Second Trimester:

READING

- 6.4.1 Regularly uses new vocabulary and resources in response to text.
- 6.4.2 Uses knowledge of literary elements to enhance understanding of fiction text.
- 6.4.2/3 Reads and comprehends grade level text.
- 6.4.2/3 Applies numerous strategies to comprehend a variety of grade level texts.
- 6.4.2/3 Identifies characteristics of various genre.
- 6.4.2/3 Selects appropriate text or resource when given a purpose for reading and identifies characteristics of various genre.
- 6.4.3 Uses text features/structure to comprehend non-fiction text.

WRITING

- 6.3.1/2/3 Uses all steps of the writing process to produce a final copy.
- 6.3.1 Correctly chooses varied forms of writing to address different purposes and audiences.
- 6.3.1 Selects topics and develops multi-paragraph fiction or non-fiction pieces focused on connecting main ideas and supporting details, using varied transitions, adjusted pacing, and appropriate organizational format.
- 6.3.2 Effectively uses voice, word choice, and varied sentence lengths, types, and patterns to add clarity and interest.
- 6.3.3 Uses correct age-appropriate capitalization, punctuation, grammar, and spelling.
- 6.3.3 Uses appropriate resources (e.g., dictionary, thesaurus) to check written work.

MATH: NUMBER SENSE

- 6.1.1 Reads, writes, identifies and demonstrates the value of whole numbers through 1,000,000,000, and the value of zero in whole numbers.
- 6.1.2 Orders and compares numbers 0 - 1,000,000,000.
- 6.1.2 Converts decimals to fractions.
- 6.1.3 Demonstrates properties of addition, and multiplication in oral and written form.
- 6.1.4 Estimates and explains reasonableness of solutions and thought processes in determining solutions.

MATH: COMPUTATION

- 6.6.1 Memorizes and uses multiplication and division facts 0 - 12.
- 6.6.1 Divides multiples of 10 by 1- and 2-digit divisors mentally.
- 6.6.2 Demonstrates and explains addition, subtraction, multiplication, and division problems with whole numbers using paper/pencil.
- Uses oral/written language to communicate an understanding of each math standard

For a “3” Third Trimester:

READING

- 6.4.1 Identifies the meaning of unfamiliar words using word recognition skills, context clues, and resources.
- 6.4.2 Uses knowledge of literary elements to enhance understanding of fiction text.
- 6.4.2/3 Reads and comprehends grade level text at a DRA 60.
- 6.4.2/3 Applies a variety of strategies to comprehend grade level fiction and non-fiction text.
- 6.4.2/3 Identifies characteristics of various genre.
- 6.4.2/3 Selects appropriate text or resource when given a purpose for reading.
- 6.4.3 Uses text features and text structure to comprehend non-fiction text.

WRITING

- 6.3.1/2/3 Uses the writing process to produce a final copy.
- 6.3.1 Chooses varied forms of writing to address different purposes and audiences including fiction and non-fiction.
- 6.3.2 Writes multi-paragraph pieces that demonstrate appropriate pacing, progression, and coherence; written pieces convey message or make point.
- 6.3.3 Uses precise words and various sentence types and patterns to add variety, interest, and clarity and to exhibit personal style and voice.
- 6.3.3 Uses correct punctuation (e.g., semi-colon, colon) and capitalization.
- 6.3.3 Spells grade level and high frequency words correctly in own writing and uses reliable spelling rules.
- 6.3.3 Demonstrates knowledge of grammar and usage (e.g., compound and complex sentences, prepositions, subject/verb agreement).
- 6.3.3 Uses appropriate resources (e.g., dictionary, thesaurus) to check written work.

MATH: NUMBER SENSE

- 6.1.1 Reads, writes, and identifies the value of whole numbers through one billion and decimals through hundredths.
- 6.1.2 Orders and compares selected whole numbers, fractions, and decimals through hundredths.
- 6.1.2 Converts decimals, fractions, mixed numbers, and percents.
- 6.1.2 Identifies prime, composite, factor, multiple, and square numbers.
- 6.1.3 Develops, tests, and explains conjectures about properties of whole and rational numbers.
- 6.1.4 Rounds numbers from hundredths to millions.
- 6.1.4 Estimates solutions and explains reasonableness of solutions to problems involving whole numbers, fractions, decimals, and percents.

MATH: COMPUTATION

- 6.6.1 Memorizes and uses multiplication and division facts 0 - 12.
- 6.6.1 Maintains addition and subtraction skills
- 6.6.1 Multiplies multiples of 10 by each other, divides multiples of 10 by 1- and 2-digit divisors mentally.
- 6.6.2 Adds, subtracts, multiplies, and divides whole numbers
- 6.6.3 Adds, subtracts, multiplies and divides decimals and fractions.
- 6.6.3 Writes terminating decimals as fractions, changes fractions to terminating or repeating decimals
- Uses oral/written language to communicate an understanding of each math standard