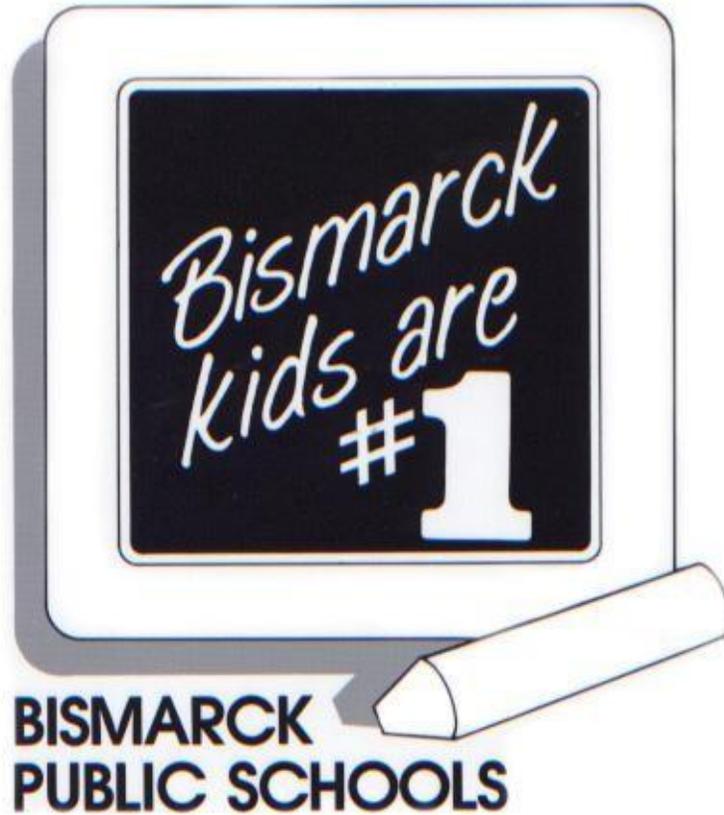


Fourth Grade Curriculum Standards

2014-2015

Standards in **bold** print will appear on the progress report



Fourth Grade – Literacy

Literature *(Stories with a character, setting and plot)*

Refer to the details and examples when explaining what the text says

Determine a theme of a story, drama or poem from details in the text and summarize the text

Describe in depth a character in a story (thoughts, words and actions) drawing on details from a text

Determine the meaning of words and phrases as they are used in the text

Explain major differences between poems, drama and prose and refer the structural elements

Compare and contrast the point of view from which different stories are narrated (first/third person)

Make connections between the text and the visual presentation (words-illustrations)

Compare and contrast the treatment of similar themes and topics (opposition of good/evil)

Read and comprehend literatures appropriate to grade 4

Informational Text *(factual text with information about the natural or human world)*

Refer to the details and examples when explaining what the text says

Summarize the main idea of a text, supported by the key details

Explain events, procedures, ideas, including what happened and why, based on specific information

Determine the meaning of academic words for grade 4 topics and subjects

Describe the overall structure of events, ideas, concepts or information in a text

Compare and contrast the a firsthand and secondhand account of the same event or topic

Interpret information presented visually or orally and explain how it helps with the understanding

Explain how an author uses reasons and evidence to support particular points in a text

Integrate information from two texts on the same topic

Read and comprehend informational text appropriate to grade 4

Foundational Skills

Use combined knowledge of all letter-sound correspondences, syllable patterns and morphology to read accurately and unfamiliar multi-syllable words

Read text orally with purpose and understanding, using appropriate rate, accuracy and expression

Language

Use pronouns, adjectives and prepositional phrases in writing

Use modal auxiliaries (can, may, must) in writing

Order adjectives correctly in writing

Recognize and correct inappropriate shifts in verb tense in writing

Produce complete sentences in a published piece of writing

Use correct capitalization in a published piece of writing

Use grade appropriate punctuation correctly in a published piece of writing (including commas)

Use underlining, quotation marks or italics in writing

Uses correct spelling in a published piece of writing

Fourth Grade – Literacy

Writing

Write a narrative that establishes a situation and introduces a narrator or character, organizing the event sequence. The piece may include dialogue or description to develop experiences and events, showing the reaction of the characters. A variety of transitional words and phrases should be used with a conclusion.

Write an opinion piece that introduces a topic, states the opinion and organizes the related ideas. The piece should contain reasons that are supported by facts and details using words and phrases to link the opinion and reasons (for instance, in order to, in addition). A concluding statement should be provided at the end of the opinion piece.

Write an informative piece introducing a topic clearly and grouping related information in paragraphs and sections. Facts, definitions and details should be included and ideas within categories should be linked with words and phrases (another, for example, also, because). A concluding statement should be provided.

Produce clear and coherent writing in which the development and organization are appropriate to task, purpose and audience

With guidance and support from peers and adults, develop and strengthen writing as needed by planning, revising and editing

With some guidance and support from adults, use technology (including the internet) to produce and publish writing as well as to collaborate with others

Conduct short research projects that build knowledge through investigation of different aspects

Recall relevant information from experiences or gather relevant information from print and digital sources; take notes and categorize information and provide sources

Draw evidence from literary or informational texts to support analysis, reflection and research

Write routinely over extended time frames (short and extended)

Speaking and Listening

Come to discussions prepared, having read or studied the material

Follows agreed-upon rules for discussions (gaining the floor in respectful ways, listening to others with care, speaking one at a time about the topics and texts under discussion)

Ask questions to check understanding of information presented, stay on topic and link comments to remarks of others

Review key ideas expressed and explain their own ideas in light of the discussion

Paraphrase portions of a text read aloud or information presented in other media formats

Report on a topic or text in an organized manner with appropriate facts and descriptive details to support the idea

Add audio recordings and visual displays to presentations to enhance the development of main ideas and themes

Differentiate between contexts that call for formal English or those that call for informal

Fourth Grade – Math

Operations & Algebra

Interpret a Multiplication Equation as a Comparison

Multiply or Divide to Solve Word Problems

Solve Multistep Word Problems in all Operations

Find All Factor Pairs for Whole Numbers 1-100

Generate a Number/Shape Pattern for a Given Rule

Numbers in Base Ten

Recognize Value of Digits as 10x the Value of the Digit to its Right

Read, Write, Compare Multi-Digit Whole Numbers

Use Place Value Understanding to Round Multi-Digit Numbers to any Place

Fluently Add/Subtract Multi-Digit Whole Numbers Using the Standard Algorithm

Multiply, Illustrate, and Explain the Calculations of up to 4-Digit Numbers by 1-Digit and Two 2-Digit Numbers using equations, arrays, and/or area model

Find, Illustrate, and Explain Whole Number Quotients and Remainders of up to 4-Digit Dividends & 1-Digit Divisors using equations, arrays, and/or area models

Numbers Fractions

Recognize, Generate, and Explain Why Fractions are Equivalent using Visual Fraction Models

Compare Fractions with Different Numerators and Different Denominators Using Symbols and Justify Conclusions

Understand a Fraction a/b with $a > 1$ as the Sum of Fractions $1/b$ ($2/3 = 1/3 + 1/3$)

Multiply a Fraction by a Whole Number

Express and Add Fractions with Denominators of 10 and 100 as Equivalent

Use Decimal Notation for Fractions with Denominators of 10 and 100

Compare Two Decimals to Hundredths Using Symbols and Justify Conclusions

Measurement & Data

Know, Express, and Record Measurement Unit Equivalents within One System (km,m,cm; kg,g; lb,oz; l,ml; hr,min,sec)

Solve Word Problems Involving Distance, Intervals of Time, Liquid Volumes, Mass, and Money

Apply Area and Perimeter Formulas for Rectangles in Real World and Mathematical Problems

Make a Line Plot to Display Data in Fractions of a Unit and Solve Problems Using the Data

Recognize Angles as Geometric Shapes Formed by Rays and Understand Concepts of Angle Measurement

Measure Angles Using a Protractor and Sketch Angles of a Specified Measure

Solve Addition/Subtraction Problems to Find Unknown Angles on a Diagram

Geometry

Identify and Draw Points, Lines, Line Segments, Rays, Angles (right, acute, obtuse), and Perpendicular and Parallel lines in Two-Dimensional Figures

Classify Two-Dimensional Figures

Identify and Draw Line-Symmetric Figures and Lines of Symmetry

Fourth Grade – Health

Explain the cycle of growth and development in humans from infancy to late adulthood I can identify the stages of the life cycle from birth to death

Explain the importance of intellectual, emotional, social, spiritual, and physical health during childhood (e.g., learning styles, healthy self-image, friendships, expression of feelings, fitness and wellness)

Describe how basic structure and functions of the human body systems are interrelated (e.g., skeletal system and muscular system work together to allow for movement)

Explain ways in which a safe and healthy school and community environment can promote personal health (e.g., classroom rules that promote safety)

Explain the relationship between food choices and personal health (e.g., unhealthy food choices contribute to high cholesterol, diabetes, heart disease, high risk of cancer, high blood pressure)

Describe the different types of pathogens (e.g., bacteria, viruses, fungi, protists) and the diseases they cause (School Nurses – handwashing)

Describe ways to identify risk taking situations (e.g., staying home alone) and how to avoid threatening situations (e.g., being approached by a stranger, internet sites)

Explain how health careers (e.g., dietician, doctor, nurse) benefit an individual's community

Explain the importance of health care workers and how they benefit an individual's community (e.g., EMTs-monitoring participants in sporting events and ambulance rescue, school nurse-vision and hearing screenings)

Explain the purposes of advertisements and commercials for health-related products and services (e.g., motivate the consumer, promote goods and services)

Describe the different types of health-related advertisements and commercials in the media e.g., testimonials, bandwagon)

Explain how a reduction in land, air, and water pollution can benefit our health (e.g., recycle, noise, plant trees)

Use appropriate communication skills (e.g., send a clear message through eye contact and body language, listen to each other, understand each other)I can identify ways to be respectful of myself and others.

Develop and implement strategies for resolving conflicts (e.g., negotiation and compromise)

Develop a long term plan to achieve a personal health goal (e.g., eating the proper servings from each group in the food pyramid)

Use communication and listening skills to enhance health, set personal boundaries, and develop and maintain positive relationships.

Describe the characteristics of valid health information, products, and services (e.g., food pyramid, USDA, FDA, nutrition labels, CDC)

Describe ways to budget time and money to make health related decisions (e.g., recreation centers/movie, swimming/television)

Explain n the importance of being a health advocate (e.g., positive role models, having a positive attitude about health, health fairs, posters

Fourth Grade – Science

Conduct simple investigations to answer questions based on observations

Use scientific tools during simple investigations

Explain that matter is made up of parts that are too small to see without magnification

Describe how magnets attract iron and repel or attract other magnets

Demonstrate a simple electrical circuit by completing a continuous loop (battery, light, wire).

Classify plants and animals according to common physical characteristics.

Identify adaptations that help plants and animals survive and grow in their environment.

Identify ways that an organism's pattern of behavior is related to the nature of the organism's environment (availability of food, space, and resources)

Identify the producers, consumers, and decomposers in a food web.

Identify the properties of soil (color, texture, etc.)

Identify slow and rapid processes (wind, water, waves, volcano, etc.) that are constantly changing Earth's surface.

Identify components of our solar system (e.g. planets, moons, sun)

Identify tools that are used to study the universe (telescopes, space probes, satellites, space craft).

Fourth Grade – Social Studies

Interpret and compare maps (political, physical, thematic) of North Dakota

Create a mental map that demonstrates understanding of the relative location, direction, size and shape of the United States

Interpret current events using print and electronic media (e.g. newspaper, children's news magazines, TV, internet)

Identify similarities and differences between past events and current events in ND

Describe the daily lives of the first inhabitants of ND

Explain the significance of fur trading in ND

Explain the significance of the Lewis and Clark Expedition in ND

Explain reasons for the settlement in ND

Identify ways that natural resources contribute to the economy of the local community and ND

Identify principal exports of ND

Identify roles, rights, and responsibilities of a citizen in ND

Identify the physical features and relative location of the major land forms

Identify the political regions of the US

Explain the contributions of various ethnic groups to the history of ND

Fourth Grade – Physical Education

Use mature form for striking/ kicking a ball

Know the difference between offense and defense

Identify benefits of cardio-respiratory endurance

Set goals based upon fitness assessments

Identify the health related components of fitness

Accept responsibility for your actions

Respect self, others, and equipment

Demonstrate cooperation and respect to others

Demonstrate appropriate communication skills

Fourth Grade – Music

Uses singing voice appropriately (pitch and in rhythm with appropriate timbre, diction, and posture, and maintain a steady tempo).

Perform independently on classroom instruments with appropriate dynamics and maintain a steady beat.

Creates music (including improvising)

Read simple rhythms in basic meters

Read simple pitch notation

Develop appropriate criteria to evaluate performances and compositions

Fourth Grade – Art

Know the different techniques used to create visual art

Use visual art materials and tools in a safe and responsible manner

Know the differences between visual art structures and functions

Know various purposes for creating works of art

