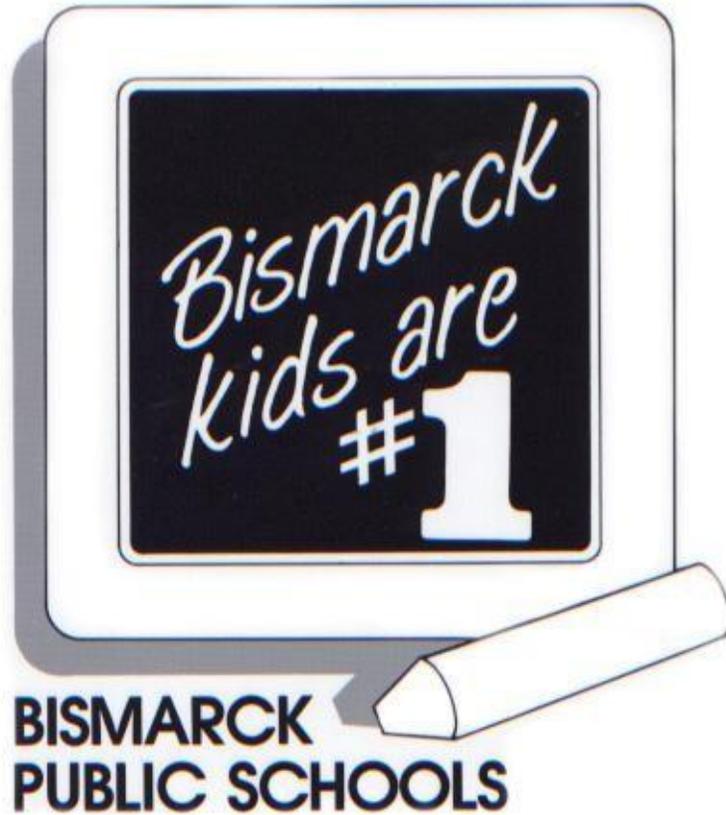


Fifth Grade Curriculum Standards

2014-2015

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



Fifth Grade – Literacy

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

Quote accurately from a text when explaining what the text says and when drawing inferences from the text

Determine a theme of a story or drama, including how characters respond to challenges, using details in the text

Compare and contrast two or more characters, settings or events in a story, drawing on details from the text

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

Explain how a series of chapters or scenes may fit together to provide a structure to the story

Describe how a narrator's or speaker's point of view influences how events are described

Analyze how visual and multimedia elements contribute to the meaning or tone of a text

Read and comprehend literature appropriate to 5th grade

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

Quote accurately from a text when explaining what the text says and when drawing inferences from the text

Summarize the text with two or more main ideas using key details from the text

Explain the relationships or interactions between two or more individuals, events or ideas in a text

Determine the meaning of general academic words relevant to grade 5 topics or subjects

Compare and contrast the overall structure of events, ideas or concepts in two or more texts

Analyze multiple accounts of the same event or topic, noting similarities and differences

Draw on information from multiple print or digital sources

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

Integrate information from several texts on the same topic

Read and comprehend informational text appropriate to 5th grade

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

Explain the functions of conjunctions, prepositions and interjections and their function in sentences

Form and use verb tenses

Use correlative conjunctions

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, italics in writing

Uses correct spelling in a published piece of writing

Use knowledge of language and its conventions when writing, speaking, reading or listening

Determining and clarifying the meaning of a new word formed when a known affix is added to the known word

Demonstrate understanding of figurative language, word relationships, and nuances in word meanings

Acquire and use accurately grade-appropriate general academic and domain-specific words and phrases

Fifth 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 logically ordered 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 related to the opinion should be presented 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 or section related to the information presented should be included.

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

Summarize a written text 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

Include multimedia components and visual displays in presentations when appropriate

Adapt speech to a variety of contexts and tasks, including formal English when appropriate

Fifth Grade – Math

Operations & Algebraic Thinking

Use Parentheses, brackets, or braces in numerical expressions

Write simple expressions and interpret numerical expressions

Generate numerical patterns using two given rules, form and graph ordered pairs

Numbers and Operations in Base Ten

Recognize Value of Digits as 10x the Value of the Digit to its Right and $1/10$ to its left

Explain patterns in the number of zeros when multiplying a number by powers of 10

Read, write, and compare decimals to thousandths

Use place value understanding to round decimals to any place

Fluently multiply multi-digit whole numbers using the standard algorithm

Find whole number quotients with up to four-digit dividends and two-digit divisors using equations, arrays, and area models.

Add, subtract, multiply, and divide decimals to hundredths using strategies based on place value, properties of operations, and relationships between addition and subtraction; relate the strategy to a written method and explain the reasoning used.

Numbers and Operations - Fractions

Add and subtract fractions with unlike denominators

Solve word problems involving addition and subtraction of fractions using visual fraction models or equations and use fraction number sense to estimate mentally and assess reasonableness of answers

Interpret a fraction as division of the numerator by the denominator and solve word problems involving division of whole numbers leading to answers in the form of fractions

Multiply a Fraction or a Whole Number by a Fraction.

Interpret multiplication of fractions as scaling (resizing) by comparing the size of the product to the size of the factors and explaining the effects of multiplying fractions greater than or less than one

Solve real-world problems involving multiplication of fractions and mixed numbers

Divide unit fractions by whole numbers and whole numbers by unit fractions

Measurement & Data

Convert among different-sized standard measurement units within a given measurement system and use these conversions in solving multistep, real-world problems

Make a Line Plot to display a data set of measurements in fractions of a unit ($1/2$, $1/4$, $1/8$) and use operations on fractions to solve problems involving the data.

Recognize volume as an attribute of solid figures and understand concepts of volume measurement

Measure volumes by counting unit cubes, using cubic cm, cubic in, cubic ft, and improvised units

Relate volume to the operations of multiplication and addition and solve real world problems involving volume

Geometry

Understand and Define a coordinate system using x and y axes and x and y coordinates

Represent real-world and mathematical problems by graphing and interpreting coordinate values of points in the context of the situation.

Understand that attributes belonging to a category of two-dimensional figures also belong to all subcategories of that category

Classify two-dimensional figures in a hierarchy based on properties

Fifth Grade – Science

Use an appropriate model (drawing, equation, computer program, diagram, 3-D device) to convey scientific information.

Explain how changes alter the balance with a system

Communicate scientific procedures (visual display, graph, journal, oral presentation) that enable others to repeat the investigation.

Formulate an explanation supported by data

Identify components of a human organ system (digestive, respiratory, etc.)

Explain the function of a human organ system

Use technology to design a solution to a problem.

Evaluate a product or design using established criteria.

Identify risks or benefits of personal health choices (tobacco, fast foods, etc.)

Explain why results of similar scientific investigations may turn out differently

Fifth Grade – Social Studies

Interpret and compare maps of the US

Construct and interpret time lines of key events in US history

Use chronological order and sequence to describe cause and effect relationships of US historical events

Describe similarities and differences between past events and current events in US history

Explain reasons for early exploration

Explain reason for early colonization

Identify the reasons for conflict between England and the American colonies and the key people involved

Analyze the events and consequences of the Revolutionary War

Describe the basic concepts of imports, exports, and international trade

Identify the roles, rights, and responsibilities of US citizens in a democratic society

Identify the duties of the executive, judicial, and legislative branches of the Federal government.

Identify examples of conflict and cooperation that occurred among cultures

Explain the impact of climate, geography, and available resources on the daily lives of Native Americans

Explain the significance of scientists, inventors, and historical figures

Fifth Grade – Physical Education

Demonstrate object control skills to complete a task

Control body and objects during play

Practice movement concepts properly

Apply feedback to improve performance

Compare muscular strength/endurance

Apply fitness assessments to set a fitness goal

Accept responsibility for your actions

Respect self, others and equipment

Demonstrate cooperation and respect to others

Demonstrate appropriate communication skills

Fifth Grade – Music

Uses singing voice accurately and with good breath control throughout their singing ranges, alone and in small and large groups.

Perform on an instrument, alone and in small and large groups.

Creates music (including improvising)

Read complex rhythms in simple meters

Sight-read simple melodies in the treble clef

Know how to evaluate the quality and effectiveness of music and music performance

Fifth 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

Fifth Grade – Health

To be constructed