

Grade 3 Content Standards

Bulleted items are a sample of learning expectations and do not represent the total curriculum. The entire curriculum can be found at www.bvsd.org

Language Art

Reading

Standard : Recognizes and analyzes words

- reads and understands homonyms, synonyms, antonyms, homographs, and homophones in context
- applies multiple decoding strategies to read new and unfamiliar words (phonics, context, word structure, reference guides)
- uses resources to determine unknown words
- uses sentence structure, paragraph structure, text organization, and word order to construct meaning

Standard: Reads grade level text with fluency, accuracy, and expression

- reads at an appropriate rate, adjusting for reading purpose
- varies expression and volume to match interpretation of text
- reads smoothly without pausing or hesitation

Standard: Comprehends narrative and informational text

- reads at an instructional Guided Reading Level O or QRI Level 4
- understands vocabulary essential to text
- summarizes narrative and informational text
- identifies main idea and supporting details
- finds the sequence of steps
- fits material into an organization pattern
- draws inferences using contextual clues
- demonstrates understanding of text through written response

Standard: Responds to text by summarizing, drawing conclusions, or stating a reaction that may include opinion, inference, or evaluation

- differentiates between fact and opinion, relevant from irrelevant information
- determines cause and effect relationships
- supports an opinion using details from a work read, viewed or heard
- draws inferences and makes conclusions
- follows multi-step written or verbal directions

Standard: Reads, compares, and responds to a variety of literature

- identifies the qualities, motives, and consequences of character action
- applies new vocabulary from literature in speaking and writing
- identifies setting, sequence, problem/solution, plot, and theme
- identifies, compares, and contrasts diverse stories by specific countries and cultures

Writing

Standard: Writes to express ideas using a variety of forms; revises, edits, and publishes writing so it is clear and correct for an audience

- writes for a variety of purposes and audiences using a variety of forms including recount, procedure, explanation, report, and narrative

Writing (continued)

Organization

- organizes writing with a beginning, middle, and end
- #### **Content/Ideas**
- writes using main idea and some supporting details
 - ideas are connected in a logical order

Style/Fluency

- writes simple and complex sentences using varied beginnings and lengths
- writes using complete sentences

Language Usage

- uses appropriate choice of words to communicate clearly
- uses correct grammar, capitalization, and end punctuation

Planning/Revising/Editing

- generates topics and develops ideas before writing using a variety of strategies (e.g. story maps, webs, lists, drawing)
- edits writing for correct end punctuation, capitalization, and spelling

Standard: Writes legibly using print and cursive

- creates mostly readable documents with legible printing with correct and consistent letter formation and spacing
- creates mostly readable documents using cursive with correct and consistent letter formation and spacing

Standard: Transfers knowledge of spelling rules and patterns to written work

- spells all words from Grade 3 "No Excuse" Spelling List in context and in list form
- spells words from spelling journals, spelling lessons, and weekly spelling lists
- uses resources during the writing process

Speaking and Listening

Standard: Speaks audibly and with expression using clear and accurate language; elaborates on ideas by giving additional information

- makes pertinent and relevant comments
- chooses appropriate form of speaking and language to achieve purpose
- provides a brief summary of message heard or viewed
- predicts, makes inferences, generates questions, draws conclusions, and makes comparisons between messages heard or viewed

Standard: Focuses attention on the speaker, following the speaker's thoughts and main points

- listens respectfully to a variety of messages and speakers
- listens to and follows multi-step verbal directions
- responds appropriately to written and oral presentations

Research

Standard: Selects and organizes information using an organizational pattern

- recognizes and applies the organizational features of text (e.g. table of contents), library, internet, and dictionaries
- organizes information using webs, graphs, charts, maps, notes, and timelines
- selects an appropriate means to present research to an audience
- uses resources and reports information in own words

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Mathematics

Number Sense Standard: Understands place value through 10,000; describes the relationship between whole numbers, fractions, mixed numbers, and decimals

- reads, writes, orders, counts, and compares numbers 0–10,000
- applies equalities and inequalities with whole numbers 0-10,000 using symbols (<, >, =)
- models, reads, and writes simple fractions such as $\frac{1}{2}$, $\frac{1}{4}$, and $\frac{3}{4}$
- expresses decimals through the hundredths place using dollars and cents
- identifies value of quarter, half-dollar and dollar; identifies dollar equivalents of like coins
- demonstrates and counts back different combinations of coins for change up to \$0.99 (e.g. \$.52 = 2 quarters and 2 pennies)
- reads and writes Roman numerals 1-100 (e.g. I, V, X, ...)
- generates equivalent representations for the same number up to a 4 digit number (e.g. 25 = 20 + 5 or 10 + 15 or 2 tens and 5 ones)
- adds and subtracts halves, thirds, and fourths with like denominators
- uses manipulatives to show regrouping of ones, tens, hundreds
- identifies place value through ten-thousands (e.g. in 86,243, '6' is in the thousands place)
- locates and labels halves between whole numbers on the number line
- estimates answer by rounding to nearest ten and hundreds place, numbers through the ten-thousands place

Standard 2: Patterns and Algebra

Uses algebraic methods to solve problems

- describes, predicts, extends and makes generalizations about geometric and numeric patterns
- uses Venn diagrams as tools for classifying and showing relationships of sets and subsets
- recognizes, extends, creates and describes the pattern given in a table of data using numbers and/or concrete materials (T-chart, list, table)
- uses letters, boxes, or symbols as a variable to represent a quantity in basic equations
- recognizes the rule of a repeating or growing pattern; uses that rule to solve a problem

Probability and Data Analysis Standard: Conducts simple probability experiments; uses data collection and analysis to solve problems

- gathers, organizes, compares, and displays data selecting the appropriate type of graph to represent given data, including surveys, tallies, bar graphs, line graphs, pictographs, timelines, or tables
- formulates questions, interprets and draws conclusions from various displays of data, using the concepts of largest, smallest, most often, and middle
- understands the vocabulary terms: luck, chance, fair, unfair, likely and unlikely

Geometry Standard: Describes and compares attributes of geometric figures

- identifies, reproduces, compares, and contrasts similar or congruent figures
- identifies and draws a square, rectangle, triangle, oval, rhombus, trapezoid, parallelogram, hexagon, pentagon, and octagon
- finds the perimeter of a polygon
- measures the area of geometric figures
- classifies and draws obtuse, acute, and right angles
- understands the relationships among transformed figures

Mathematics (continued)

Measurement Standard: Estimates and measures length, area, weight, capacity, volume, time, and temperature using standard units

- identifies basic relationships among different units of measurement within a measurement system
- understands the relationship between measures of time: minutes, hours, day, months, and years
- tells time to the nearest 5 minute, including am and pm using analog and digital clocks
- orders and compares objects according to measurable attributes

Computation Standard: Solves problems involving addition, subtraction, multiplication, and division

- solves addition, subtraction, multiplication and division problems using number sentences, drawings, and symbols
- demonstrates proficiency of addition and subtraction facts
- demonstrates understanding of basic multiplication and division facts 1-10
- demonstrates the four basic operations of whole numbers (e.g. addition and subtraction of three digits, and multiplication of 2-digit by 1-digit, regrouping included, division of 2-digit by 1-digit divisor)
- solves word problems involving money, decimals, and fractions
- adds and subtracts fractions with like denominators
- using money notation, adds and subtracts commonly used decimals

Science

Scientific Process and Inquiry Standard: Draws logical conclusions and writes about scientific investigations

- asks questions about a scientific investigation
- presents scientific information through written and oral presentations
- follows most proper lab and safety procedures
- selects and uses appropriate equipment to measure characteristics of objects accurately

Physical Science Standard: Uses instruments to measure matter

- examines, describes, compares, and classifies matter on the basis of its common physical properties, such as size, shape, texture, density, and color

Physical Science Standard: Recognizes various forms of energy can be moved and changed

- explains how energy can affect common objects and events
- constructs simple diagrams and charts to compare quantities associated with energy, movement and change

Life Science Standard: Identifies systems and environmental interactions of organisms

- investigates and creates a graphic display to show the flow of energy through a food chain
- investigates and describes the interactions of different organisms and their environment
- explains the functions of the human muscular and skeletal systems

Earth Science Standard: Examines the structures and dynamics of the earth and other objects in space

- creates a model to show relative distances between parts of the solar system
- describes a space exploration event, such as a manned or unmanned space mission
- describes the basic components of the solar system
- describes the motion of the earth in relation to the sun, including

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Social Studies

History Standard: Understands historical events of Colorado and individuals who have made contributions

- identifies events and people from Colorado's past (Ancient Pueblos, Spanish Americans, Native Americans, trappers and traders, explorers, pioneers, miners)

Geography Standard: Makes and reads maps, globes, charts, and models to locate places

- locates the countries of North America
- identifies the major landforms in North America
- locates key places in Colorado history
- explains geographic terms (equator, continents and oceans, Tropic of Cancer, Tropic of Capricorn, peninsula, country, state, city and rivers)

Civics Standard: Understands the structure and purpose of government

- identifies the type of government in Colorado
- identifies state symbols

Economics Standard: Understands how economic decisions are made and how they impact society

- shows how cultures reflect limited resources
- describes resources that were important to Native Americans and other early settlers in Colorado
- explains how railroads, ranching and coal mining affected the growth of towns and cities

Music

Standard: Sings or plays instruments

- performs simple rounds and canons
- recognizes the tonality of major and minor
- performs a steady beat and accurate rhythm a vocal or instrumental ostinato or harmony
- performs using markings for dynamics, piano (p)/forte (f), crescendo/decrescendo symbols, retard/accelerando tempo

Standard: Reads and notates music

- reads, notates, and performs rhythm pattern using quarter note, quarter rest, half note, half rest, whole note, paired eighth notes
- creates an 8 beat composition that uses traditional notation incorporating duple/triple meter

Standard: Relates music to various historical and cultural traditions

- identifies different forms, genres, and/or styles in selected pieces of music
- uses musical terms to describe music and music performances
- categorizes a variety of instruments and instrument families visually and aurally

Physical Education

Standard: Demonstrates skills and applies concepts to perform a variety of physical activities

- jumps a turning rope held by others
- transfers weight from feet to hands, at fast and slow speeds, using large extensions (e.g. swing on a climbing rope and land)
- hand dribbles a ball, maintaining control, while traveling within shared space
- identifies ways movement concepts (space, time, force, body) can be used to refine movement skills (e.g. throw, balance, jump)

Standard: Demonstrates the components of health related physical fitness

- maintains continuous aerobic activity during warm-ups, games, and dance activities

Standard: Demonstrates knowledge of physical fitness concepts and the benefits of an active, healthy lifestyle

- identifies physical activity that develops muscular strength, endurance, flexibility, and aerobic components

Standard: Demonstrates safe, responsible behavior in physical education settings

- exhibits consideration for and cooperation with classmates and teachers
- works safely and productively during activity time

Visual Arts

Standard: Recognizes and uses the visual arts as a form of communication

- creates a personal story including details of people, setting, and background
- identifies and uses two and three dimensional concepts to create a work of art in the directed manner

Standard: Knows and applies elements of art, principles of design, and sensory and expressive features of visual arts

- uses a tick paint medium to produce smooth strokes with the directed amount of paint

Standard: Knows and applies visual arts materials, tools, techniques, processes and technology

- uses art materials and tools in a safe and responsible manner

Standard: Relates the visual arts to various historical and cultural traditions

- identifies the artist's name, country of origin, time period and style
- creates art work which mimics various aspects of historical art work

Standard: Analyzes and evaluates the characteristics, merits, and meanings of works of art

- makes and supports opinions about the work with proper vocabulary