

HOME AND SCHOOL CONNECTION

A strong partnership between home and school is a vital part of every child's education. Family members can help students succeed by understanding what students are learning in school and by supporting these learning activities at home.

To assist you, this Curriculum and Instruction Guide provides a summary of grade level standards and practices that describe what students should know and be able to do in all subject areas. Teachers focus their curriculum, instruction and assessment on the grade level standards and practices.

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ASSESSING AND REPORTING STUDENT LEARNING FOR GRADES K-5

Teachers collect information about what students know and can do in various ways, including:

- direct observations of performance,
- reviews of written work and assignments, and
- formal assessments, including district and state-sponsored assessments.

Assessment results and other information about student learning are shared with families four times per year through:

- conferences,
- progress reports, and
- report cards.

For questions about reporting practices and/or assessments of your child's learning please contact your child's classroom teacher.



A Guide to KINDERGARTEN Curriculum and Instruction

The Mission of Vancouver Public Schools

Excellence in Education

In partnership with home and community, Vancouver Public Schools provides an innovative learning environment that engages and empowers each student to develop the knowledge and essential skills to become a competent, responsible, and compassionate citizen.

ENGLISH LANGUAGE ARTS

Students will learn the alphabet, break down spoken and written words into syllables and letters and identify the sounds each letter makes. These important skills will enable your child to learn new words and to read and understand simple books and stories. Students will also learn to write and share information in a variety of ways, including drawing, writing letters and words, listening to others and speaking aloud.

READING

Phonological Awareness

- Understands spoken words, syllables, and sounds.

Phonics and Word Recognition

- Names upper and lowercase letters.
- Identifies and produces letter sounds.
- Matches letters to sounds and uses other strategies to read new words.
- Reads commonly used grade level words.

Comprehension

- Retells familiar stories, including key details such as characters, setting, and main events.
- Reads and understands grade level text.
- Identifies main topic and key details in informational texts.

WRITING

- Uses drawing, speaking, and writing to communicate ideas.

SPEAKING AND LISTENING

- Engages in conversation about specific topics.

MATHEMATICS

Students begin to develop basic notions of numbers and use numbers to think about objects and the world around them. They practice counting objects in sets, and they think about how numbers are ordered by showing the numbers on the number line. As they put together and take apart simple numbers, students lay the groundwork for learning how to add and subtract.

Counting and Cardinality

- Counts to 100 by 1s.
- Counts up to 20 objects.
- Writes numbers 0 to 20.
- Compares groups of objects up to 10 to find which is greater than, less than, or equal to.

Operations and Algebraic Thinking

- Solves addition problems within 10.
- Solves subtraction problems within 10.

Understands Number and Operations

- Shows numbers 11 to 19 as a ten and more ones, (for example, 12 is one ten and two ones).

Measurement and Data

- Sorts objects and counts to tell how many in each group.

Geometry

- Names two-dimensional and three-dimensional shapes.
- Describes the features of two-dimensional and three-dimensional shapes.

SOCIAL STUDIES

Students in elementary grades need inquiry tools to explore the world around them. It is imperative that students be shown how to interact with artifacts, primary and secondary sources, and digital media in order to approach social studies content with a critical eye. Students must be introduced to strategies for asking good questions and doing research as they make decisions based on evidence.

- Knows that there are many points of view and can share one's own position with evidence.
- Knows how to ask quality questions.
- Recognizes that one has rights and responsibilities as a citizen in one's own community.
- Knows that there are different communities nearby and that there may be different rules for different communities.
- Knows that the human-environment interactions are essential aspects of human life in all societies.
- Knows that history is a series of connected events shaped by multiple cause-effect relationships, linking past to present.

SCIENCE

Students engage in learning experiences that foster their curiosity of the natural world. Through making observations, asking questions, and constructing models of natural phenomena students develop a foundation for understanding life, earth, and physical sciences.

Comparing and Measuring

- Compares, matches, and measures objects.
- Uses standard, and nonstandard measurements.

Molecules to Organisms Butterfly Life Cycle

- Identifies patterns needed for survival of plants and animals.
- Designs solutions to problems by mimicking plants and animals.

TECHNOLOGY

Students learn to use and apply technology for accessing information and demonstrating learning.

- Practice using a variety of digital tools.
- Follow steps for using a digital tool.

HEALTH

Students develop the concepts and skills necessary for a safe, active and healthy life.

Social Emotional Learning

- Identifies different kinds of emotions and appropriate ways to express them.
- Recognizes bullying and ways to respond appropriately.

PHYSICAL EDUCATION

During physical activity students practice the knowledge and skills they learn.

- Motor skill development.
- Knowledge and behaviors of active living.
- Physical fitness: muscular strength, muscular endurance, cardio endurance, & flexibility.
- Sportsmanship, self-efficacy, and emotional intelligence.

VISUAL AND PERFORMING ARTS

In the visual arts, music and creative movement, students acquire knowledge and skills to create, perform and respond in the arts and in other content areas.

Visual Arts

- Uses lines to create shapes.
- Identifies colors.
- Uses tools and materials safely.

Music

- Sings and demonstrates beat.
- Creates sounds from different sources.

Creative Movement

- Experiences movement elements through games, songs, stories and music.
- Forms lines and circles in a group.
- Responds in movement to simple directions and signals.

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A Guide to GRADE 1 Curriculum and Instruction

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ENGLISH LANGUAGE ARTS

Students will build important reading, writing, speaking, and listening skills. They will continue to learn the letters and sounds that make up words. They will think, talk, and write about what they read in stories, articles, and other sources of information. In their writing, students will work on putting together clear sentences on a range of topics using a growing vocabulary.

READING

Phonological Awareness

- Understands spoken words, syllables, and sounds.

Phonics and Word Recognition

- Matches letters to sounds and uses other strategies to read new words.
- Reads commonly used grade level words.

Vocabulary

- Uses new words and explains their meaning.

Fluency

- Reads grade level text at an appropriate pace to support understanding.

Comprehension

- Develops the skills necessary to understand text read aloud.
- Develops the skills necessary to understand informational text read independently.
- Develops the skills necessary to understand literature read independently.

WRITING

- Organizes and writes ideas for a variety of purposes (narrative, informational, and opinion).
- Uses correct grammar, spelling, and punctuation.

SPEAKING & LISTENING

- Participates in conversations on grade level topics.
- Describes people, places, or events in complete sentences.

MATHEMATICS

Students continue to work with whole numbers to quantify objects. They consider how numbers relate to one another. As they expand the set of numbers they work with, students start to develop critical concepts of ones and tens that introduce them to place value in our base ten number system. An understanding of how ones and tens relate to each other allows students to begin adding and subtracting two-digit numbers, where thinking of ten ones as one ten and vice versa is routine.

Operations and Algebraic Thinking

- Uses addition and subtraction to solve problems.
- Understands the rules of addition and subtraction, (for example, $2+5=5+2$).

Understands Numbers and Operations

- Counts to 120. Understands what the digits mean in two-digit numbers (for example, tens and ones).
- Uses place value to add and subtract.

Measurement and Data

- Measures objects using a shorter object as a unit of length.
- Tells and writes time to the nearest hour and half hour.
- Draws and understands simple graphs.

Geometry

- Describes and builds shapes based on features and can divide them into equal parts.

SOCIAL STUDIES

Students in elementary grades need inquiry tools to explore the world around them. It is imperative that students be shown how to interact with artifacts, primary and secondary sources, and digital media in order to approach social studies content with a critical eye. Students must be introduced to strategies for asking good questions and doing research as they make decisions based on evidence.

- Knows that there are many points of view and can share one's own position with evidence.
- Knows how to ask quality questions and find appropriate materials to find answers to those questions.
- Knows that different communities create rules to promote the common good and individual liberties.
- Recognizes that one has rights and responsibilities as a citizen in one's own community.
- Knows that there are different communities nearby and that there may be different rules for different communities.
- Understands the basic elements of a community's economic system.
- Knows that the use of tools (e.g., maps, charts, graphs) is important to understanding the world around us.

SCIENCE

Students engage in learning experiences that foster their curiosity of the natural world. Through making observations, asking questions, and constructing models of natural phenomena students develop a foundation for understanding life, earth, and physical sciences.

Organisms

- Determines the basic needs of living things.
- Recognizes the similarities and differences of living things.

Solids and Liquids

- Identifies different states of matter.
- Investigates floating, sinking, magnetism, and fluidity.

Weather

- Uses scientific tools for measuring weather.
- Records data to make predictions about weather.

TECHNOLOGY

Students learn to use and apply technology for accessing information and demonstrating learning.

- Practices using a variety of digital tools.
- Learns appropriate use of technology.

HEALTH

Students develop the concepts and skills necessary for a safe, active and healthy life.

Social Emotional Learning

- Understands positive and negative self-talk.
- Understands the effects of stress, and stress management.
- Appropriately expresses emotions, and sensitivity to others feelings.
- Understands the effects of bullying and teasing, and ways to respond appropriately.

PHYSICAL EDUCATION

During physical activity students practice the knowledge and skills they learn.

- Motor skill development.
- Knowledge and behaviors of active living.
- Physical fitness: muscular strength, muscular endurance, cardio endurance, & flexibility.
- Sportsmanship, self-efficacy, and emotional intelligence.

VISUAL AND PERFORMING ARTS

In visual art, music and creative movement, students acquire knowledge and skills to create, perform and respond in the arts and other content areas.

Visual Art

- Identifies, uses and produces a variety of types and qualities of lines for artistic purposes.
- Explores, identifies, uses and produces shapes and form.

Music

- Demonstrates a steady beat.
- Reads and demonstrates basic rhythm patterns.
- Demonstrates high/low and fast/slow.

Creative Movement

- Identifies and practices locomotor and non-locomotor skills.
- Discovers self space vs. general space.

VISUAL AND PERFORMING ARTS

In visual art, music and creative movement, students acquire knowledge and skills to create, perform and respond in the arts and in other content areas.

Visual Art

- Understands, applies and creates texture, space and color when producing a work of art.

Music

- Identifies and demonstrates half note duration.
- Practices Do, Re, Mi, So, La on the treble staff.
- Identifies and demonstrates forte and piano.

Creative Movement

- Uses body shapes and movement to express basic prepositional relationships.
- Creates and performs simple dance phrases using ABA form.

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ASSESSING AND REPORTING STUDENT LEARNING FOR GRADES K-5

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A Guide to GRADE 2 Curriculum and Instruction

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Excellence in Education

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ENGLISH LANGUAGE ARTS

Students will continue to build important reading, writing, speaking, and listening skills. They will think, talk, and write about what they read in a variety of texts, such as stories, books, articles, and other sources of information. In their writing, students will learn how to develop a topic and strengthen their skills by editing and revising.

READING

Phonics and Word Recognition

- Matches letters to sounds and uses other strategies to read new words.
- Reads commonly used grade level words.

Vocabulary

- Uses new words and explains their meaning.

Fluency

- Reads grade level text at an appropriate pace to support understanding.

Literature Comprehension

- Asks and answers questions to demonstrate understanding of a text.
- Explains a story's message or lesson.
- Describes the overall structure of a story.

Informational Comprehension

- Asks and answers questions to demonstrate understanding of key details.
- Identifies the main idea and supporting details of a text.
- Compare the most important points in two texts on the same topic.

WRITING

- Organizes and writes ideas for a variety of purposes (narrative, informational, and opinion).
- Uses correct grammar, spelling, and punctuation.

SPEAKING & LISTENING

- Participates in conversations on grade level topics.
- Uses complete sentences to describe ideas and key details of a story.

MATHEMATICS

In second grade, students refine their understanding of the base ten number system and use place value concepts of ones, tens, and hundreds to understand number relationships. They become fluent in writing and renaming numbers in a variety of ways. This fluency, combined with the understanding of place value, is a strong foundation for learning how to add and subtract two-digit numbers.

Operations and Algebraic Thinking

- Shows and solves problems involving addition and subtraction up to 20.
- Fluently add and subtract within 20 using mental strategies.
- Works with equal groups of objects to gain foundations for multiplication.

Understands Numbers and Operations

- Understands place value.
- Use place value understanding and properties of operations to add and subtract.

Measurement and Data

- Measures and estimates lengths in standard units, (for example, inches and centimeters).
- Relates addition and subtraction to lengths.
- Works with time and money.
- Represent and interpret data.

Geometry

- Describes and builds shapes based on features and can divide them into equal parts.

SOCIAL STUDIES

Students in elementary grades need inquiry tools to explore the world around them. It is imperative that students be shown how to interact with artifacts, primary and secondary sources, and digital media in order to approach social studies content with a critical eye. Students must be introduced to strategies for asking good questions and doing research as they make decisions based on evidence.

- Knows how to ask quality questions and find appropriate materials to find answers to those questions.
- Knows that different communities create rules to promote the common good and individual liberties.
- Recognizes that one has rights and responsibilities as a citizen in one's own community.
- Knows that there are different communities nearby and that there may be different rules for different communities.
- Knows that the use of tools (e.g., maps, charts, graphs) is important to understanding the world around us.
- Knows that the human-environment interactions are essential aspects of human life in all societies.
- Can use the historical inquiry process to study and analyze the past and understand current issues and events.

SCIENCE

Students engage in learning experiences that foster their curiosity of the natural world. Through making observations, asking questions, and constructing models of natural phenomena students develop a foundation for understanding life, earth, and physical sciences.

Soils

- Learns about the relationship between soils and plant growth.
- Understands how matter and energy can flow in soil.

Changes

- Categorizes states of matter by their properties.
- Recognizes phase changes of matter.

Balancing and Weighing

- Studies cause and effect relationships.
- Graphs mass and volume data.

TECHNOLOGY

Students learn to use and apply technology for accessing information and demonstrating learning.

- Practices using a variety of digital tools.
- Learns appropriate use of technology.

HEALTH

Students develop the concepts and skills necessary for a safe, active and healthy life.

Social Emotional Learning

- Personal strengths and challenges, and practicing confidence.
- Body appearance is partially determined by genetics.
- Causes of stress, and describing management strategies.
- Relationship between emotions and behaviors.
- Ways to intervene safely when someone is being bullied or teased.

PHYSICAL EDUCATION

During physical activity students practice the knowledge and skills they learn.

- Motor skill development.
- Knowledge and behaviors of active living.
- Physical fitness: muscular strength, muscular endurance, cardio endurance, & flexibility.
- Sportsmanship, self-efficacy, and emotional intelligence.

PHYSICAL EDUCATION

During physical activity students practice the knowledge and skills they learn.

- Motor skill development.
- Knowledge and behaviors of active living.
- Physical fitness: muscular strength, muscular endurance, cardio endurance, & flexibility.
- Sportsmanship, self-efficacy, and emotional intelligence.

VISUAL AND PERFORMING ARTS

In visual art, music and creative movement, students acquire knowledge and skills to create, perform and respond in the arts and in other content areas.

Visual Art

- Understands, applies and creates repetition, contrast, variety, balance, movement and proportion in a work of art.

Music

- Identifies and demonstrates whole rests and whole notes.
- Identifies and practices steps, skips and repeated notes on the staff.
- Identifies and uses vocabulary for dynamics and tempo.

Creative Movement

- Demonstrates balance through muscle control.
- Creates and performs movement sequences, including the use of poetry forms.

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ASSESSING AND REPORTING STUDENT LEARNING FOR GRADES K-5

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A Guide to GRADE 3 Curriculum and Instruction

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ENGLISH LANGUAGE ARTS

Students will continue to build important reading, writing, speaking, and listening skills. Learning to read with fluency and confidence will serve as a foundation for the reading demands in later grades. They will think, talk, and write about what they have read in a variety of articles, books, and other sources of information. In their writing, students will pay more attention to organizing information, developing ideas, and supporting these ideas with facts, details, and reasons.

READING

Phonics and Word Recognition

- Matches letters to sounds and uses other strategies to read new words.
- Reads commonly used grade level words.

Vocabulary

- Uses new words and explains their meaning.

Fluency

- Reads grade level text at an appropriate pace to support understanding.

Literature Comprehension

- Asks and answers questions to demonstrate understanding of a text.
- Recounts stories, including fables, folktales, and myths from diverse cultures.
- Determines the central message, lesson, or moral and explain how it is conveyed through key details in the text.
- Determines the meaning of words and phrases as they are used in a text.
- Compares and contrasts the themes, settings, and plots of stories.

Informational Comprehension

- Determines the main idea of a text; recount the key details and explain how they support the main idea.
- Uses text features and search tools to locate information.
- Compares and contrasts the important points and key details.

WRITING

- Organizes and writes ideas for a variety of purposes (narrative, informational, and opinion).
- Uses correct grammar, spelling, and punctuation.

SPEAKING & LISTENING

- Participates in class discussions by listening, asking questions, sharing ideas, and building on the ideas of others.
- Clearly presents on a topic.

MATHEMATICS

Students will learn basic multiplication and division facts. They explore the relationship between multiplication and division as they learn the related division and multiplication facts in the same fact family. These skills, along with mental math and estimation, allow students to solve problems that call for multiplication. Building on an understanding of how multiplication and division relate to each other, students prepare to learn efficient procedures for division, which will be developed in fourth grade. Multiplication is also central to students' study of many other topics in mathematics across the grades, including fractions and algebra.

Operations and Algebraic Thinking

- Shows and solves problems involving multiplication and division.
- Understands the rules of multiplication and the relationships between multiplication and division, (for example $3 \times 2 = 6$ and $6 \div 3 = 2$).
- Multiplies and divides up to 100.
- Solves problems involving the four operations, (addition, subtraction, multiplication, division), and identifies and explains patterns of arithmetic.

Understands Numbers and Operations

- Uses place value to add and subtract multi-digit numbers.
- Use place value understanding and properties of operations to perform multi-digit arithmetic.

Numbers and Operations-Fractions

- Develop understanding of fractions as numbers.

Measurement and Data

- Solves problems involving measurement and estimation of time, volume, and mass/weight.
- Represent and interpret data.
- Draws and understands graphs and tables.
- Understands how area relates to multiplication and addition.
- Finds the area and perimeter of two-dimensional shapes.

Geometry

- Describes and builds shapes based on features and divides them into equal parts.

SOCIAL STUDIES

Students in elementary grades begin to conceptualize their world and their place in it. It is important that students in the primary grades be given opportunities to explore the world through the lenses of geography, economics, civics, and history.

- Knows that there are many ways to share ideas and can evaluate evidence and determine best tools to express one's own knowledge and understanding.
- Knows that different communities create rules to promote the common good and individual liberties.
- Knows that there are different communities nearby and that there may be different rules for different communities, and that one has rights and responsibilities as a citizen in one's own community.
- Knows that the study of chronology is necessary for understanding cultures, global connections, and historical events.

SCIENCE

Students engage in learning experiences that foster their curiosity of the natural world. Through making observations, asking questions, and constructing models of natural phenomena students develop a foundation for understanding life, earth, and physical sciences.

Plant Growth and Development

- Learns about the relationship between light, soil, and water.
- Learns about Scientific drawing, and data organization.

Sound

- Learns the mechanics of sound, and how a human ear functions.
- Designs musical instruments.

Rocks and Minerals

- Studies, and identifies minerals and rocks.
- Obtains and evaluates evidence.

TECHNOLOGY

Students learn to use and apply technology for accessing information and demonstrating learning.

- Practices using a variety of digital tools
- Learns appropriate use of technology

HEALTH

Students develop the concepts and skills necessary for a safe, active and healthy life.

Social Emotional Learning

- Defines, and identifies characteristics of healthy self-esteem.
- Analyzes the Influences on body image.
- Learns how the body responds to stress, personal stressors and ways to respond.
- Becomes aware of one's feelings, and characteristics of self-control.
- Recognizes harassment and intimidation.

PHYSICAL EDUCATION

During physical activity students practice the knowledge and skills they learn.

- Motor skill development
- Knowledge and behaviors of active living
- Physical fitness: muscular strength, muscular endurance, cardio endurance, & flexibility
- Sportsmanship, self-efficacy, and emotional intelligence

VISUAL AND PERFORMING ARTS

In visual art, music and creative movement, students acquire knowledge and skills to create, perform and respond in the arts and in other content areas.

Visual Art

- Understands, applies and creates repetition, contrast, variety, balance, movement and proportion in a work of art.

Music

- Identifies and demonstrates syncopated rhythms.
- Identifies treble clef note names.
- Identifies and demonstrates crescendo and decrescendo.

Creative Movement

- Performs movement phrases and dances from memory.
- Uses the principles of choreography.
- Explains cultural origins of a variety of dance forms from around the world.

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A Guide to GRADE 4 Curriculum and Instruction

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ENGLISH LANGUAGE ARTS

Students will continue to build important reading, writing, speaking, and listening skills. They will build the stamina and skills to read more challenging literature, articles, and other sources of information and continue to grow their vocabulary. They will be expected to clearly explain in detail what they have read by referring to details or information from the text. In writing, students will organize their ideas and develop topics with reasons, facts, details, and other information.

READING

Vocabulary

- Uses new words and explains their meaning.

Fluency

- Reads grade level text at an appropriate pace to support understanding.

Literature Comprehension

- Determines the theme of a story, drama, or poem from details in the text and summarizes the text.
- Refers to details and examples when explaining what the text says.
- Determines the story's message and compares the message with another text.
- Describes character, setting, and events to summarize a text.

Informational Comprehension

- Determines a theme of a story, drama, or poem from details in the text; summarize the text.
- Compares and contrasts a first-hand and second-hand account of the same event or topic.
- Integrates information from two texts on the same topic in order to write or speak about the subject knowledgeably.
- Compares and contrasts the treatment of similar themes and topics.

WRITING

- Organizes and writes ideas for a variety of purposes (narrative, informational, and opinion).
- Uses correct grammar, spelling, and punctuation

SPEAKING & LISTENING

- Participates in class discussions by listening, asking questions, sharing ideas, and building on the ideas of others.
- Clearly presents on a topic

MATHEMATICS

Students learn efficient ways to divide whole numbers. They apply what they know about division to solve problems, using estimation and mental math skills to decide whether their results are reasonable. This emphasis on division gives students a complete set of tools for adding, subtraction, multiplying, and dividing whole numbers- basic skills for everyday life and further study of mathematics.

Operations and Algebraic Thinking

- Uses the four operations, (+,-,x,÷) to solve problems
- Identifies factors and multiples
- Creates and explains patterns

Understands Numbers and Operations

- Uses place value to perform multi-digit arithmetic (+, -, x, ÷)

Numbers and Operations-Fractions

- Orders fractions and finds equivalent fractions
- Builds fractions from unit fractions, (for example $3/4 = 1/4 + 1/4 + 1/4$)
- Reads, writes, and compares decimals and fractions
- Converts decimals and fractions

Measurement and Data

- Solves problems involving measurement and can convert measurement
- Draws and understand tables and graphs
- Draws and measures angles

Geometry

- Draws and identifies lines and angles
- Groups shapes by their features (for example, parallel or perpendicular lines).

SOCIAL STUDIES

Students in elementary grades begin to explore the idea of community. They examine the structure and history of their families, neighborhoods, communities, and state. Elementary students use maps, timelines, and primary and secondary source materials to learn about Washington history. Students learn about indigenous people, migration and settlement, and the customs, treaties, and laws that shape their community.

- Knows that there are many ideas, issues, and conflicts going on in the world around one and can listen in order to understand the different points of view and use one's own voice to enact change.
- Knows that different communities create rules to promote the common good and individual liberties.
- Knows that there are different communities nearby and that there may be different rules for different communities.

- Understands the basic elements of a community's economic system.
- Knows that when people specialize and trade, it leads to increased economic interdependence.
- Understands that historical events can be interpreted differently by different individuals, families, and communities.

SCIENCE

Students engage in learning experiences that foster their curiosity of the natural world. Through making observations, asking questions, and constructing models of natural phenomena students develop a foundation for understanding life, earth, and physical sciences.

Land and Water

- Understands how water shapes the land.
- Plans and creates water land models to predict effects and observe patterns.

Food Chemistry

- Learns how good health is related to nutrition.
- Makes predictions, conducts experiments, and communicates information.

Electrical Circuits

- Understands the uses and properties of conductors and insulators.
- Creates a wiring plan, and wires circuits.

TECHNOLOGY

Students learn to use and apply technology for accessing information and demonstrating learning.

- Practices using a variety of digital tools
- Learns appropriate use of technology

HEALTH

Students develop the concepts and skills necessary for a safe, active and healthy life.

Social Emotional Learning

- Compares high and low self esteem and the connection to decision making.
- Studies the influences of family, culture, and media on body image.
- Identifies emotional reactions to stress, and positive impacts of stress management on health.
- Recognizes similarities and differences between bullying, teasing, harassment, and intimidation.

Growth and Development

- Human anatomy, physiology, and reproductive health.

PHYSICAL EDUCATION

During physical activity students practice the knowledge and skills they learn.

- Motor skill development.
- Knowledge and behaviors of active living.
- Physical fitness: muscular strength, muscular endurance, cardio endurance, & flexibility.
- Sportsmanship, self-efficacy, and emotional intelligence.

VISUAL AND PERFORMING ARTS

In visual art, music and creative movement, students acquire knowledge and skills to create, perform and respond in the arts and in other content areas.

Visual Art

- Applies, analyzes, and creates repetition, contrast, variety, balance, movement, proportions, and emphasis in a work of art.
- Applies and analyzes the skills and techniques of visual arts to create original works of art in two and/or three dimensions.

Music

- Identifies and demonstrates complex rhythm patterns.
- Composes an 8 beat piece on the treble staff.
- Understands the difference between staccato and legato.

Creative Movement

- Create and perform movement using multiple elements of dance.
- Exhibit control in balance and perform movement with full-body extension.
- Differentiate between various styles and genres of dance.

HOME AND SCHOOL CONNECTION

A strong partnership between home and school is a vital part of every child's education. Family members can help students succeed by understanding what students are learning in school and by supporting these learning activities at home.

To assist you, this Curriculum and Instruction Guide provides a summary of grade level standards and practices that describe what students should know and be able to do in all subject areas. Teachers focus their curriculum, instruction and assessment on the grade level standards and practices.

You are encouraged to be an active partner in your child's education. If you have questions about specific classroom activities or school programs, please contact your child's teacher.

For further information on state standards and curricular information, use this QR Code to connect with the state standards at OSPI.



ASSESSING AND REPORTING STUDENT LEARNING FOR GRADES K-5

Teachers collect information about what students know and can do in various ways, including:

- direct observations of performance,
- reviews of written work and assignments, and
- formal assessments, including district and state-sponsored assessments.

Assessment results and other information about student learning are shared with families four times per year through:

- conferences,
- progress reports, and
- report cards.

For questions about reporting practices and/or assessments of your child's learning please contact your child's classroom teacher.



A Guide to GRADE 5 Curriculum and Instruction

The Mission of Vancouver Public Schools

Excellence in Education

In partnership with home and community, Vancouver Public Schools provides an innovative learning environment that engages and empowers each student to develop the knowledge and essential skills to become a competent, responsible, and compassionate citizen.

ENGLISH LANGUAGE ARTS

Students will continue to build important reading, writing, speaking, and listening skills. They will read widely and deeply from a range of high-quality, increasingly challenging literature, articles, and other sources of information while continuing to grow their vocabulary. They will be expected to understand and clearly summarize what they have learned from readings and classroom discussions, referring to specific evidence and details from the text. Students will write regularly and continue to develop their ability to gather, organize, interpret, and present information.

READING

Vocabulary

- Uses new words and explains their meaning.

Fluency

- Reads grade level text at an appropriate pace to support understanding.

Literature Comprehension

- Determines a theme of a story, drama, or poem from details in the text; summarizes the text.
- Determines the meaning of words and phrases as they are used in a text, including figurative language.
- Compares and contrasts stories in the same genre.

Informational Comprehension

- Determines two or more main ideas of a text and explain how they are supported by key details; summarize the text.
- Analyzes multiple accounts of the same event or topic, noting important similarities and differences in the point of view they represent.
- Integrates information from several texts on the same topic in order to write or speak about the subject knowledgeably.

WRITING

- Organizes and writes ideas for a variety of purposes (narrative, informational, and opinion).
- Uses correct grammar, spelling, and punctuation.

SPEAKING & LISTENING

- Participates in class discussions by listening, asking questions, sharing ideas, and building on the ideas of others.
- Clearly presents on a topic or shares an opinion using facts and details.

MATHEMATICS

Students extend their knowledge about adding and subtracting whole numbers to learning procedures for adding, subtracting, multiplying, and dividing fractions and decimals. Students apply these procedures, along with mental math and estimation, to solve a wide range of problems that involve more of the types of numbers students see in other school subjects and in their lives.

Operations and Algebraic Thinking

- Writes and understands numerical expressions, for example, $2 \times (8+7)$.
- Explains, analyzes and creates patterns and the connections between patterns.

Understands Numbers and Operations

- Understands the place value system including decimals through the thousandths place.
- Quickly and accurately multiplies and divides multi-digit whole numbers.
- Performs operations (+, -, \times , \div), with decimals to hundredths.

Numbers and Operations-Fractions

- Uses equivalent fractions as a strategy to add and subtract fractions.
- Apply and extend previous understandings of multiplication and division.
- Multiplies and divides fractions.

Measurement and Data

- Converts like measurement units within metric and customary systems.
- Represent and interpret data.
- Understands volume and its relationship to multiplication and addition.

Geometry

- Plots points on a coordinate plane (grid) to solve real-world and math problems.
- Groups two-dimensional figures based on their features.

SOCIAL STUDIES

Students in elementary grades learn our country's origins. Students explore the ideas of cause and effect, the multicultural origins and development of our nation, and multiple perspectives on our nation's history. Students examine the ideas, issues, and events, from the establishment of colonies through the American Revolution.

- Knows how to ask a variety of quality questions and find appropriate materials to find the answers to those questions.

- Knows that there are many ways to share ideas and can evaluate evidence and determine best tools to express one's own knowledge and understanding.
- Knows that different communities create rules to promote the common good and individual liberties.
- Knows that the government has a role in the economy.
- Knows that people, products, and ideas can move, connecting local and global communities to each other.
- Knows that history is a series of connected events shaped by multiple cause-effect relationships, linking past to present.
- Can use the historical inquiry process based in materials, including primary source documents, to study and analyze the past and understand current issues and events.

SCIENCE

Students engage in learning experiences that foster their curiosity of the natural world. Through making observations, asking questions, and constructing models of natural phenomena students develop a foundation for understanding life, earth, and physical sciences.

Matter and Energy Flow in Ecosystems

- Studies energy interactions and dynamics within ecosystems.
- Observes patterns, and obtains and evaluates information.

Human Impact on Earth's Systems

- Designs solutions to reduce the human footprint on Earth.
- Measures the scale, proportion, and quantity of human impacts.

TECHNOLOGY

Students learn to use and apply technology for accessing information and demonstrating learning.

- Practices using a variety of digital tools.
- Learns appropriate use of technology.

HEALTH

Students develop the concepts and skills necessary for a safe, active and healthy life.

Social Emotional Learning

- Identify different kinds of emotions and appropriate ways to express them.
- Recognize bullying and ways to respond appropriately.

Growth and Development

- Human anatomy, physiology, and reproductive health.