



Learning Guidelines

2019-2020

Friends School of Portland

Learning Guidelines

Introduction

These guidelines are best read in conjunction with the FSP Curriculum Guide. In these pages, teachers have articulated basic standards that we use to design instruction and assessment. Though they are loosely aligned to the Common Core standards and other useful national standards, there are areas in which we veer away from national norms. For example, our curriculum guidelines emphasize Quaker values, the inquiry-reflection- action process, and place-based education. In the lower grades, we rely heavily on the thoughtfully articulated guidelines from the Work Sampling System and the Creative Curriculum

In this document, the guidelines are laid out by class (e.g. 1-2), rather than by grade. They describe what we believe students should know and be able to do before moving to the next class. In multi-age classes, instruction is flexible; students work at their own levels within the context of a whole-class theme or topic. However, teachers do use grade-specific guidelines to get a sense of how students will progress as they acquire new skills. They also serve as guideposts for deciding when students may need additional support or additional challenge. If you have questions about these learning guidelines or how they are implemented in the classroom, please don't hesitate to ask your child's teacher!

PRESCHOOL

Personal and Social Development

Self Concept

- Demonstrates self confidence
- Shows some self-direction

Self Control

- Follows simple classroom rules and routines
- Uses classroom materials carefully
- Manages transitions

Approaches to Learning

- Shows eagerness and curiosity as a learner
- Attends to tasks and seeks help when encountering a problem
- Approaches tasks with flexibility and inventiveness

Interaction with Others

- Interacts easily with one or more children
- Interacts easily with familiar adults
- Participates in the group life of the class
- Shows empathy and caring for others

Social Problem-Solving

- Attempts to use strategies to solve conflicts or social problems
- Seeks adults' help when needed to resolve conflicts

Physical Development and Health

Gross Development and Health

- Moves with balance and control
- Coordinates movements to perform simple tasks

Fine Motor Development

- Uses strength and control to perform simple tasks
- Uses eye-hand coordination to perform tasks
- Shows beginning control of writing, drawing, and art tools

Personal Health and Safety

- Performs some self-care tasks independently

Literacy

Listening and Speaking

- Gains meaning by listening
- Follows two or three step directions
- Shows/demonstrates beginning phonological awareness
- Speaks clearly enough to be understood by most listeners without contextual clues
- Uses expanded vocabulary and language for a variety of purposes

Reading

- Shows appreciation for books and reading
- Shows beginning understanding of concepts about print
- Begins to develop knowledge about letters
- Comprehends and responds to stories read aloud

Writing

- Represents ideas and stories through pictures, dictation and play
- Uses letter-like shapes, symbols, and letters to convey meaning
- Understands purposes for writing

Mathematical Thinking

Mathematical Process

- Begins to use simple strategies to solve mathematical problems

Number and Operations

- Shows beginning understanding of number and quantity

Patterns, Relationships, and Functions

- Sorts objects into subgroups that vary by one or two attributes
- Recognizes simple patterns and duplicates them

Geometry and Spatial Relations

- Begins to recognize and describe the attributes of shapes
- Shows understanding of and uses several positional words

Measurement

- Orders, compares, and describes objects according to a single attribute
- Participates in measuring activities

Social Studies

Begins to explore topics related to the following concepts:

- People, past and present
- Human interdependence
- Citizenship and government
- People and where they live

Scientific Thinking

- Asks questions and uses senses to observe and explore materials and natural phenomena
- Begins to use simple tools and equipment for investigation
- Makes comparisons among objects

The Arts

- Participates in group music experiences
- Participates in creative movement, dance and drama
- Uses a variety of art materials for tactile experience and exploration
- Responds to artistic creations or events

KINDERGARTEN

Learning Practices (apply to all subjects)

- Prepares for learning
- Works carefully
- Perseveres
- Approaches learning with a curious, creative, and open mind (INQUIRY)
- Reflects on learning (REFLECTION)
- Connects learning across disciplines and to the greater community (ACTION)

Personal and Social Development (apply to all subjects)

- Demonstrates self-confidence, initiative, and self direction
- Demonstrates flexibility and adaptability
- Demonstrates honesty and fairness (INTEGRITY)
- Demonstrates empathy, caring, and respect for others (EQUALITY)
- Participates collaboratively in the life of the class and school (COMMUNITY, Stewardship)
- Respects community rules, routines, and resources (COMMUNITY,
- Uses appropriate strategies to solve conflicts or problems and makes decisions (PEACE)

Physical Development

- Demonstrates appropriate gross motor development
- Demonstrates appropriate fine motor development

Creative Development

- Participates in group music experiences
- Participates in creative movement, dance, and drama
- Uses a variety of art materials to explore and express ideas and emotions
- Responds to artistic creations

Language and Literacy

Listening and Speaking

- Speaks clearly and conveys ideas effectively
- Uses expanded vocabulary and language
- Follows directions that involve a series of action
- Gains meaning by listening
- Demonstrates beginning phonemic awareness

Reading and Writing

- Demonstrates some understanding of print concepts
- Shows an interest in and knowledge about books and reading
- Knows letters, sounds, and how they form words
- Comprehends and responds to fiction and non-fiction
- Represents stories through pictures, dictation, and play
- Uses letter-like shapes, symbols, letters, and words to convey meaning
- Understands purposes for writing

Mathematics

Math Practices

- Begins to use and explain strategies to solve mathematical problems.
- Uses words and representations to describe mathematical ideas

Number and Operations

- Shows understanding of number, quantity, and number relationships

Patterns, relationships, and functions

- Sorts objects into subgroups, classifying and comparing according to a rule
- Makes, copies, and extends simple numeric and non-numeric patterns

Geometry, spatial relations, and measurement

- Recognizes and describes some attributes of shapes.
- Shows understanding of and uses direction, location, and position words
- Orders, compares, and describes objects by size, length, capacity, and weight
- Explores and estimates measurement
- Shows awareness of time concepts

Data Collection and Probability

- Begins to collect data and make records using lists and graphs

Science and Social Studies

- Asks questions
- Investigates topics
- Makes connections
- Shows interest in topics and understanding of them

Art

Art Practices

- Uses skills and materials to create art
- Works to communicate/express ideas visually
- Reflects on one's own work and work of others, and shares relevant observations

Core Understandings

- Art concepts
- Art history

ConnectEd

In ConnectEd class, students explore skills and habits listed under "Personal and Social Development" with a special emphasis on Quaker values and practices:

- Simplicity
- Peace
- Integrity
- Community
- Equality
- Stewardship

Physical Education

Skills

- Demonstrates competency in motor skills and movement concepts
- Participates regularly in physical activity; demonstrates appropriate stamina
- Values physical activity
- Demonstrates ability to interact respectfully with natural world and play in the outdoors

Music

Skills and Concepts

- Performs, presents, and produces music
- Creates music
- Responds to music
- Makes connections
- Participates and collaborates in a musical setting

GRADES 1-2

Personal and Social Development (apply to all subjects)

- Demonstrates honesty and fairness (INTEGRITY)
- Demonstrates self-confidence, initiative, and self-direction
- Demonstrates flexibility and adaptability
- Demonstrates empathy, caring, and respect for others (EQUALITY)
- Participates collaboratively in the life of the class and school (COMMUNITY)
- Uses appropriate strategies to solve conflicts or problems and make decisions (PEACE)
- Respects community rules, routines, and resources (COMMUNITY, STEWARDSHIP)
- Expresses needs and feelings appropriately

Learning Practices (apply to all classes)

- Works carefully
- Perseveres
- Approaches learning with a curious, creative, and open mind (INQUIRY)
- Reflects on learning (REFLECTION)
- Connects learning across disciplines, to the community, and to the world (ACTION)

Language and Literacy

Listening and Speaking

- Speaks clearly and conveys ideas effectively
- Gains meaning by listening
- Follows multi-step directions
- Demonstrates phonemic awareness
- Participates in collaborative conversations with peers and adults
- Uses expanded vocabulary and language

Reading

- Demonstrates understanding of print concepts
- Shows an interest in books and reading
- Decodes unfamiliar words
- Uses strategies to construct meaning from print
- Reads fluently and independently
- Comprehends and interprets fiction and non-fiction

Writing

- Writes for different purposes
- Writes with organization and detail
- Uses strategies to create invented and conventional spellings
- Recognizes and uses some basic conventions of print
- Uses the writing process to revise and edit

Mathematics

Math Practices

- Perseveres in solving problems
- Communicates and represents mathematical thinking
- Engages in learning activities

Number and Operations

- Extends counting sequence
- Understands and applies place value
- Estimates
- Demonstrates fluency with addition and subtraction facts
- Uses efficient strategies to add/subtract larger numbers
- Represents and solves addition and subtraction problems
- Understands and applies relationship between addition and subtraction
- Demonstrates an understanding of multiplication and division

Patterns and Relationships

- Makes, copies, and extends patterns
- Classifies and sorts objects
- Expresses number relationships

Geometry, spatial relations, and measurement

- Recognizes attributes of shapes and relationships among shapes
- Explores spatial problems
- Tells time
- Solves problems involving measurement and estimation
- Solves problems involving money

Data Collection and Probability

- Collects, records, and interprets data

Science and Social Studies

Skills and Practices

- Asks questions, defines problems
- Plans and carries out experiments and investigations
- Gathers information and data
- Communicates information

- Makes connections
- Demonstrates interest in topics and ideas
- Demonstrates understanding of topics and ideas

Art

Art Practices

- Uses skills and materials to create art
- Works to communicate/express ideas visually
- Reflects on one's own work and work of others, and shares relevant observations

Core Understandings

- Art concepts
- Art history

ConnectEd

Simplicity: Demonstrates focus and engagement; holds silence

Peace: Demonstrates peacefulness in communication, problem-solving, body awareness

Integrity: Demonstrates honesty, fairness, and responsibility in class activities

Community: Respects rules and routines, group process, and community members

Equality: Demonstrates empathy, caring, and respect for others

Stewardship: Takes care of resources, materials, and physical needs appropriately

Music

Music Practices

- Performs, presents, and produces music
- Creates music
- Responds to music
- Makes connections
- Participates and collaborates in a musical setting

Physical Education

Skills and Practices

- Demonstrates competency in motor skills and movement practices to engage in a variety of physical activities
- Participates regularly in physical activity; demonstrates appropriate stamina
- Demonstrates understanding of movement concepts
- Values physical activity
- Demonstrates ability to Interact respectfully with natural world and play in the outdoors

GRADES 3-4

Personal and Social Development (apply to all classes)

- Demonstrates honesty and fairness (INTEGRITY)
- Demonstrates self-confidence, initiative, and self-direction
- Demonstrates flexibility and adaptability
- Demonstrates empathy, caring, and respect for others (EQUALITY)
- Participates collaboratively in the life of the class and school (COMMUNITY)
- Uses appropriate strategies to solve conflicts or problems and make decisions (PEACE)
- Respects community rules, routines, and resources (COMMUNITY, STEWARDSHIP)
- Expresses needs and feelings appropriately

Learning Practices (apply to all classes)

- Works carefully
- Perseveres
- Approaches learning with a curious, creative, and open mind (INQUIRY)
- Reflects on learning (REFLECTION)
- Connects learning across disciplines, to the community, and to the world (ACTION)

Language and Literacy

Listening and Speaking

- Listens closely
- Speaks effectively

Reading

- Reads for varied purposes
- Reads fluently and independently
- Uses strategies to construct meaning from text
- Comprehends and interprets fiction and nonfiction text

Writing

- Writes for different purposes in different formats
- Writes with focus and organization
- Elaborates effectively
- Applies conventions when drafting and editing
- Uses the writing process to revise and edit

Mathematics

Math Practices

- Understands problems and approaches them with appropriate tools and strategies
- Perseveres in solving problems
- Understands and reasons with number, quantity, patterns, and relationships
- Communicates and represents mathematical thinking
- Works carefully

Number and Operations

- Demonstrates understanding of place value
- Demonstrates understanding of multiplication and division
- Solves problems involving all four operations
- Demonstrates an understanding of fractions

Patterns, Relationships, and Functions

- Uses an understanding of patterns to make predictions and draw conclusions
- Uses variables in equations and inequalities to express number relationships

Geometry, Spatial Relations, and Measurement

- Solves problems involving measurement
- Solves problems involving area and perimeter

Data Collection and Probability

- Uses tables, charts, and graphs to collect, record, and interpret data

Social Studies

Social Studies Practices

- Asks questions and defines problems
- Conducts research
- Organizes and analyzes information
- Engages in argument from evidence
- Communicates ideas effectively
- Makes connections
- Demonstrates understanding of topics and concepts

Science

Science Practices

- Asks questions, defines problems, articulates hypotheses
- Plans and carries out experiments and investigations
- Gathers data
- Analyzes and interprets data
- Evaluates and communicates information
- Applies science to real-world problems
- Demonstrates understanding of topics and concepts

Art

Art Practices

- Uses skills and materials to create art
- Works to communicate/express ideas visually
- Reflects on one's own work and work of others, and shares relevant observations

Core Understandings

- Art concepts
- Art history

Body, Mind, Spirit

Simplicity: Demonstrates focus and engagement; holds silence

Peace: Demonstrates peacefulness in communication, problem-solving, body awareness

Integrity: Demonstrates honesty, fairness, and responsibility in class activities

Community: Respect rules and routines, group process, and community members

Equality: Demonstrates empathy, caring, and respect for others

Stewardship: Takes care of resources, materials, and physical needs

Music

Music Practices

- Performs, presents, and produces music
- Creates music
- Responds to music
- Makes connections
- Participates and collaborates in a musical setting

Physical Education

Skills and Practices

- Demonstrates competency in motor skills and movement practices to engage in a variety of physical activities
- Participates regularly in physical activity; demonstrates appropriate stamina
- Demonstrates understanding of movement concepts
- Values physical activity
- Demonstrates ability to interact respectfully with natural world and play in the outdoors

Spanish

Engages fully in whole-class activities

Demonstrates functional use of Spanish language:

- greetings, introductions, simple conversations, likes/ dislikes, requests, familiar expressions
- memorized presentations

Demonstrates proficiency with appropriate vocabulary

Demonstrates developing awareness of Spanish phonetic and grammatical norms

- present tense
- similarities and differences between Spanish and English

Demonstrates understanding of culture, history, and geography of the Spanish-speaking world

- origination and reach of Spanish language
- culture of one Spanish speaking country

GRADES 5-6

Personal and Social Development (apply to all classes)

- Demonstrates honesty and fairness (INTEGRITY)
- Demonstrates self-confidence, initiative, and self-direction
- Demonstrates flexibility and adaptability
- Demonstrates empathy, caring, and respect for others (EQUALITY)
- Participates collaboratively in the life of the class and school (COMMUNITY)
- Uses appropriate strategies to solve conflicts or problems and make decisions (PEACE)
- Respects community rules, routines, and resources (COMMUNITY, STEWARDSHIP)

Learning Practices (apply to all classes)

- Meets deadlines, prepares for learning
- Works carefully
- Perseveres
- Approaches learning with a curious, creative, and open mind (INQUIRY)
- Reflects on learning (REFLECTION)
- Connects learning across disciplines, to the community, and to the world (ACTION)

Language and Literacy

Listening and Speaking

- Listens closely
- Speaks effectively

Reading

- Reads fluently, independently, and for varied purposes
- Comprehends fiction and nonfiction text
- Interprets fiction and nonfiction text

Writing

- Writes for different purposes in different formats
- Writes with focus and organization
- Writes with clarity, craft, and elaboration
- Uses the writing process to revise and edit
- Applies mechanical and grammatical conventions when drafting and editing

Mathematics

Math Practices

- Understands problems and applies appropriate tools and strategies
- Perseveres in solving problems
- Communicates and represents mathematical thinking
- Works carefully

Number and Operations

- Solves problems involving operations with positive and negative numbers
- Finds factors and multiples and uses them to solve problems
- Solves problems with fractions
- Solves problems with decimals and percentages

- Understands the relationships among fractions, decimals, and percentages
- Solves problems with ratios and proportions

Patterns, Relationships, and Functions

- Writes and evaluates expressions and equations
- Uses order of operations to evaluate expressions
- Analyzes graphs and tables to understand relationships
- Uses mean, median, mode, and range to analyze data

Geometry, Spatial Relations, and Measurement

- Identifies lines, points, angles, and segments
- Finds unknown angles
- Finds circumference, area, and diameter of circles
- Solves problems involving perimeter, area, and surface area of triangles, quadrilaterals, and polygons

Science

Science Practices

- Asks questions, defines problems, articulates hypotheses
- Plans and carries out experiments and investigations
- Collects and records data carefully
- Analyzes and interprets data accurately
- Communicates information effectively in writing, speech, and/or visual representation
- Makes connections between classroom learning and real-world application
- Comprehends content material covered

Social Studies

Skills

- Asks questions and defines problems
- Conducts research from a variety of sources
- Organizes and analyzes information
- Provides evidence to support a thesis
- Effectively communicates ideas in writing and speech
- Makes connections to past events to inform views of current issues
- Takes effective notes

Understandings

Year 1

- Understands the issues leading to American independence from Great Britain
- Understands the basic workings of American democracy
- Understands the factors leading to American westward expansion
- Understands the institution of slavery in America, its abolition, and its lasting effects
- Understands the causes of the US Civil War and its resolution
- Understands the Industrial Revolution in America -- its effects on productivity, individual way of life, and the environment
- Understands major world and local current events -- their origination and impact on those affected

Year 2

- Understands universal conditions that lead people to change
- Understands the way that media/propaganda can influence events

- Understands specific causes and results in a variety of historical revolutions
- Identifies and understands different types of revolutions
- Understands major world and local current events

Art

Art Practices

- Uses skills and materials to create art
- Works to communicate/express ideas visually
- Reflects on one's own work and work of others, and shares relevant observations

Core Understandings

- Art concepts
- Art history

Body, Mind, Spirit

Simplicity

- Practices mindfulness, silence, focus and engagement

Peace

- Demonstrates peaceful practice in communication and problem-solving
- Articulates concepts of peace

Integrity

- Demonstrates honesty and fairness
- Processes and articulates ethics-based decision-making
- Demonstrates ownership of learning
- Demonstrates critical thinking

Community

- Participates collaboratively in the life of the class and school
- Engages with a leadership role within the school community

Equality

- Demonstrates empathy, caring, and respect for others
- Treats issues of diversity and difference of opinion with respect

Stewardship

- Treats community resources with respect
- Demonstrates appropriate self-care and self-respect

Music

Music Practices

- Performs, presents, and produces music
- Creates music
- Responds to music
- Makes connections
- Participates and collaborates in a musical setting

Physical Education

Skills and Practices

- Demonstrates competency in motor skills and movement practices
- Participates regularly in physical activity; demonstrates appropriate stamina
- Demonstrates understanding of movement concepts
- Values physical activity
- Demonstrates ability to interact respectfully with natural world and play in the outdoors

Spanish

Engages fully in whole-class activities

Demonstrates functional use of Spanish language

- make requests, express needs, express simple ideas with detail, describe and compare, engage in conversation with two people
- comprehends accurately

Demonstrates proficiency with appropriate vocabulary

Demonstrates developing command of Spanish phonetic and grammatical norms

- speaks with appropriate fluency and pronunciation
- makes comparisons with English language systems
- demonstrates command of appropriate vocabulary
- demonstrates proficiency in present, future, progressive tense, and commands

Demonstrates understanding of culture, history, and geography of the Spanish-speaking world

GRADES 7-8

Personal and Social Development (apply to all classes)

- Demonstrates honesty and fairness (INTEGRITY)
- Demonstrates self-confidence, initiative, and self-direction
- Demonstrates flexibility and adaptability
- Demonstrates empathy, caring, and respect for others (EQUALITY)
- Participates collaboratively in the life of the class and school (COMMUNITY)
- Uses appropriate strategies to solve conflicts or problems and make decisions (PEACE)
- Respects community rules, routines, and resources (COMMUNITY, STEWARDSHIP)

Learning Practices (apply to all classes)

- Meets deadlines, prepares for learning
- Works carefully
- Perseveres
- Approaches learning with a curious, creative, and open mind (INQUIRY)
- Reflects on learning (REFLECTION)
- Connects learning across disciplines, to the community, and to the world (ACTION)

Language and Literacy

Listening and Speaking

- Listens closely
- Speaks effectively

Reading

- Reads fluently, independently, and for varied purposes
- Comprehends text
- Analyzes text

Writing

- Writes with focus and organization
- Writes with clarity, craft, and elaboration
- Uses the writing process
- Applies mechanical and grammatical conventions when drafting and editing

Mathematics**Math Practices**

- Understands problems, applies appropriate tools and strategies, and perseveres
- Thinks mathematically
- Works carefully

Number and Operations

- Solves multi-step problems using all four operations on whole numbers, decimals, and fractions
- Understands negative numbers
- Understands exponents, square roots, and cube roots
- Understands scientific notation
- Explores irrational numbers

Patterns, Relationships, Functions and Algebra

- Understands rates, ratios, percentages, and proportions
- Understands and works with commutative, associative, and distributive properties
- Factors, simplifies, and evaluates algebraic expressions
- Utilizes algebraic expressions and inequalities to solve for unknown
- Graphs equations and identifies solution sets
- Understands linear equations
- Analyzes and solves linear equations and pairs of linear equations to solve problems
- Solves quadratic equations

Geometry

- Understands and applies the Pythagorean Theorem
- Understands angles
- Solves problems involving perimeter, circumference, and area, and volume

Data Collection and Probability

- Experiments with data collection, statistical analysis, presentation, and probability

Science**Practices**

- Formulates questions, defines problems, and articulates hypotheses
- Understands experiments, follows investigations, and makes sense of the results
- Clearly communicates information

Understandings

- Sustainability v. non-sustainability
- Patterns, classifications, and scientific systems

- Cause and effect relationships
- Natural laws and sustaining principles
- Metamorphosis and evolution

Social Studies

Practices

- Takes useful, efficient notes
- Illustrates his/her ideas artistically and appealingly
- Distinguishes essential from unessential ideas in readings and lectures
- Makes good use of maps & atlases
- Conducts research using a variety of sources
- Keeps track of and properly cites sources and authorities
- Make connections across time, geography, and disciplines

Understandings

- Historical change over time
- Influences that different forms of government, cultures, economic systems, war and peace can have on individual citizens (and vice versa)
- Influences that geography and natural conditions can have on people and societies (and vice versa)
- Distinctions between local, national, and international problems and solutions
- Impacts and ongoing influences of the past upon the present

Art

Art Practices

- Uses skills and materials to create art
- Works to communicate/express ideas visually
- Reflects on one's own work and work of others, and shares relevant observations

Understandings

- Art concepts
- Art history

Body, Mind, Spirit

Simplicity

- Practices mindfulness, silence, focus and engagement

Peace

- Demonstrates peaceful practice in communication and problem-solving
- Articulates concepts of peace

Integrity

- Demonstrates honesty and fairness
- Processes and articulates ethics-based decision-making
- Demonstrates ownership of learning
- Demonstrates critical thinking

Community

- Participates collaboratively in the life of the class and school
- Engages with a leadership role within the school community

Equality

- Demonstrates empathy, caring, and respect for others
- Treats issues of diversity and difference of opinion with respect

Stewardship

- Treats community resources with respect
- Demonstrates appropriate self-care and self-respect

Music

Skills and Practices

- Performs, presents, and produces music
- Creates music
- Responds to music
- Makes connections
- Participates and collaborates in a musical setting

Physical Education

Skills and Practices

- Demonstrates competency in motor skills and movement practices to engage in a variety of physical activities
- Participates regularly in physical activity; demonstrates appropriate stamina
- Demonstrates understanding of movement concepts
- Values physical activity
- Demonstrates ability to interact respectfully with natural world and play in the outdoors

Spanish

Engages fully in whole-class activities

Demonstrates functional use of Spanish language

- Asks for and comprehends clarifications, expresses and comprehends opinions, states and understands feelings and emotions
- Understands narration in present, past, and future
- Comprehends and communicates in various settings: small group conversations, phone conversations, reading, and writing

Demonstrates proficiency with appropriate vocabulary

Demonstrates developing command of Spanish phonetic and grammatical norms

- Speaks with appropriate fluency and pronunciation
- Demonstrates command of appropriate vocabulary
- Demonstrates proficiency in past, present, and future tenses
- Demonstrates proficiency with questions, reflexive verbs, and direct and indirect object pronouns

Demonstrates understanding of culture, history, and geography of the Spanish-speaking world