



P A R K C I T Y
D A Y S C H O O L

1st Grade Curriculum

Lower School Divisional Overview

The Lower School program at Park City Day School focuses on the cognitive, social, physical, and emotional development of the whole child. Students are engaged in authentic learning, decision-making, and problem solving activities which help develop higher level thinking skills. Additionally, our program inculcates high ethical standards based upon cooperation, appreciation, and respect. Learning to collaborate with classmates, being honest, kind, and hard-working members of the community are hallmarks of sound personal development, fundamental to achievement, and essential to leading healthy, fulfilling lives.

A typical day in the classroom includes a variety of imaginative learning activities emphasizing a love for learning and mastering the fundamentals of core subjects. Individual and diverse learning styles are recognized and supported, while academic strengths are challenged and weaknesses are identified and addressed. In addition, cross-grade level opportunities, environmental education, and service-learning enrich the lives of our students. Our low student-to-teacher ratio creates a positive, nurturing environment enhanced by educational field trips, and age-appropriate outdoor educational ventures. A rich array of art, music, physical education, and foreign language classes complement and extend core offerings, which broadens learning, deepens appreciation, and assimilates educational experiences.

The Lower School Program integrates academic achievement, creativity, positive group interaction, and social responsibility. Our goal is to produce dynamic citizens and inspire future leaders.



Lower School Academic Technology

Based upon the [ISTE standards for Educational Technology](#), the PCDS technology program promotes an integrated approach to technology literacy. Woven into the daily routines and subjects taught in the classroom, teachers utilize a variety of forward thinking, innovative resources to deliver a rich array of content designed to engage and develop higher order thinking skills in an authentic learning environment. Students have opportunities to select appropriate technology resources, collaborate, problem solve, and communicate ideas not only within the classroom; but across a broad spectrum of local and international settings.

LS Laptop Program (K-5)

In grades Kindergarten through fourth, children engage in the process of learning computer vocabulary, appropriate use, and care for a computer. In addition to the elementary understanding of computer usage, children have opportunities to explore topical, interactive websites to enrich specific subject content, practice learning skills, and begin producing technology based projects.

Skills

The student will be able to:

- Employ skills acquired at previous levels
- Navigate the internet using the "favorites" tab (K-2)
- Utilize creative programs such as Paint (K-2)
- Understand Internet search methods (3-5)
- Discriminate between appropriate and useful websites and irrelevant websites (4-5)
- Develop early typing skills (2-5)
- Utilize various word processing programs (3-5)
- Utilize various presentation methods (4-5)
- Utilize online document sources such as Google docs (4-5)
- Understand proper care and maintenance for a laptop computer

Suggested Learning Activities

- Digital Field trips
- Digital storytelling
- Podcasts
- Streaming video presentations
- Discussion forums
- Multimedia presentations
- Graphic organizers
- ePortfolios

ISTE Standards

Research and Information Fluency
Creativity and Innovation
Communication and Collaboration
Digital Citizenship
Technology Operations and Concepts

Assessment

- Formative
- Summative
- Rubric based



1st Grade Language Arts

Content

Word analysis

Spelling and vocabulary

Grammar

Reading

- Fluency
- Comprehension

Print and book awareness

Literary elements

Writing

Penmanship

Auditory comprehension

Technology

Skills

The student will be able to:

Word Analysis

- Recognize syllables and word parts
- Identify initial consonant sounds
- Identify initial and final phoneme
- Blend initial consonants and sounds to make words
- Recognize and apply long and short vowel spellings

Spelling and Vocabulary

- Recognize rhyming words
- Recognize and apply suffixes
- Recognize and apply spelling patterns
- Recognize and apply common sight words
- Identify word families

Grammar

- Apply capitalization rules
- Identify and apply types of sentences and end punctuation
- Identify and apply parts of speech
- Recognize and apply commas in a series
- Identify past tense verbs
- Recognize and apply contractions and compound words
- Identify antonyms and synonyms
- Identify homophones

Reading

- Synthesize information to make predictions and draw conclusions
- Differentiate between reality and fantasy
- Compare and contrast elements of a passage or text
- Summarize a passage or text
- Describe the main idea of a passage
- Describe a supporting detail in a passage
- Recognize cause and effect
- Recognize a sequence
- Make inferences
- Identify story parts: beginning, middle, and end
- Read using appropriate inflection, tone and punctuation

Print and Book Awareness

- Identify the title and author
- Recognize genres: fantasy, fiction, nonfiction, plays
- Recognize nursery rhymes



Literary Elements

- Understand characterization
- Recognize and apply figurative language
- Identify the plot
- Recognize setting
- Identify and apply rhyme and rhythm

Writing

- Apply concepts of the *Six Traits* writing process to a variety of prose
 - Autobiography
 - Expository, descriptive and persuasive writing
 - Creative writing
 - Rhyming and non-rhyming poetry

Penmanship

- Apply appropriate manuscript technique

Auditory Comprehension

- Identify vocabulary in context
- Identify explicit details from a passage
- Use implicit information from a passage
- Make connections between pieces of information in a passage
- Synthesize information to make predictions or draw conclusions

Technology

- Use a program or online resource independently to practice skills

Assessment

- Checklists
- Unit comprehension tests
- Oral and written responses
- Reading fluency assessments
- Teacher observation and anecdotal notes
- Weekly writing assignments
- Teacher/student conferences
- *Daily Oral Language*
- Quizzes and tests
- Dictations
- Cloze-story assessments
- Independent, partner and group work
- *Developmental Reading Assessment (DRA)*
- Self-assessments

Textbooks/Resources

Open Court Reading
Four Blocks Guided Reading
Scholastic News
Six Traits of Writing
Writer's Express
Handwriting Without Tears
Rebecca Sitton Spelling
Words Their Way
Core Knowledge Language Arts

Auditory and Comprehension books may include:
Works from a variety of authors including Newberry Award authors, a variety of age appropriate novels, informational texts, fables, rhymes, poetry and short stories



1st Grade Mathematics

Content

Number sense and operations
Algebra
Geometry
Measurement
Data analysis and probability

Problem solving
Reasoning and proof
Connections
Communication
Representation

Skills

The student will be able to:

Number Sense and Operations

- Identify numbers 1 to 1000
- Identify left and right
- Identify more or less than a number
- Identify addition, subtraction, multiplication and division problems
- Identify even and odd
- Identify fractions and parts of fractions
- Measure time increments
- Divide sets into equal groups
- Divide numbers
- Recite addition facts
- Use the addition algorithm
- Estimate sums
- Compare numbers

Geometry

- Identify polygons, geometric solids, similar shapes, and designs
- Identify horizontal, vertical, oblique, parallel and perpendicular lines
- Identify lines of symmetry
- Compare and order objects

Measurement

- Measure standard units
- Measure ingredients for a recipe
- Measure and draw line segments
- Measure mass in metric units
- Divide shapes in half

Assessment

- Pre and post tests
- Quizzes and unit tests
- Math fact assessments
- Investigations and cooperative assignments
- Teacher observation and anecdotal notes
- Daily homework
- Mixed daily practice
- Class participation

Data Analysis and Probability

- Graph data
- Create and interpret a bar graph
- Create and interpret a Venn diagram

Problem Solving

- Solve story problems involving addition and subtraction

Reasoning and proof

- Create patterns with objects
- Recognize and extend patterns on number lines and grids

Connections

- Create graphs in the context of literacy activities
- Graph the daily weather

Communication

- Explain multiple ways to solve a problem
- Create a picture to show how to solve a problem

Representation

- Add monetary amounts
- Tell time to the hour and half hour
- Write the date using digits
- Solve problems using the calendar
- Estimate and identify common temperatures
- Construct and show addition and subtraction on a number line
- Represent numbers using manipulatives

Textbooks/Resources

Saxon Math

Everyday Math resources

Math reasoning materials

Computer programs

Wide selection of children's literature illustrating math concepts



1st Grade Science

Content

Life Science

Earth and Space Science

Physical Science

Skills

The student will be able to:

Life Science

- Identify and apply the tasks related to taking care of the body
- Identify specific causes of illness and ways to stay healthy
- Identify different animal categories
- Understand the role of fossils and their study
- Recognize various habitats
- Recognize the role of the food chain

Earth and Space Science

- Identify different parts of the solar system
- Recognize different types of rocks and minerals
- Understand that rocks come in different sizes and shapes

- Understand the basic concept and elements of atoms
- Recognize the different states of matter
- Recognize different types measurement
- Identify the purpose of different types of measurement

Physical Science

- Understand static electricity
- Recognize simple electric circuits
- Understand the role of conduction and insulation materials
- Understand and apply electricity safety rules
- Understand the concept of conservation

Process and Inquiry Skills

The student will be able to:

- Make generalizations
- Create models
- Communicate effectively using scientific terminology
- Make observations
- Apply classification skills
- Analyze information or data
- Compare and contrast information or data
- Identify and organize information or data
- Collect information or data

- Use scientific equipment such as a hand lens, microscopes, thermometers, scale, balance, ruler
- Use and apply different types of measurement tools
- Understand different methods for combining elements
- Identify different states of water
- Plan and design a circuit
- Work in cooperative groups
- Apply critical response questions and thinking

Assessment

- Daily work
- Teacher observations
- Student reflections
- Class discussions
- Evaluation of students' activities
- Observing outcomes
- Assessment of group activities
- Quizzes

Textbooks/Resources

Science videos and nonfiction books



1st Grade Social Studies

Content

World Studies/Cultures

US History

Geography

Government

Civic Responsibility

Skills

The student will be able to:

World Studies/Cultures

- Identify essential discriminating aspects of cultures, specifically: Ancient Egypt, Mexico & Canada
- Recognize the manifestations of global interdependence
- Understand relationships among science, technology, and society over time
- Recognize ways human beings organize themselves socially
- Learn how people organize for the production, distribution, and consumption of goods and services

US History

- Recognize the important of early American settlement and exploration
- Recognize the important of interactions between early settlers and native cultures

Geography/ Mapping

- Identify and apply geographic tools in the context of a variety of historical topics
- Recognize the parts of a map and identify various uses of maps
- Recognize interactions among individuals, groups, and institutions

Government

- Identify various important days in the governmental calendar
- Identify the historically important symbols of the U.S
- Recognize important figures and landmarks related to U.S. government
- Learn how people create and change structures of power, authority, and governance

Civic Responsibility

- Demonstrate appropriate leadership skills
- Recognize the role of current events
- Demonstrate an understanding of change over time through a classroom time capsule
- Understand the ideals, principles, and practices of citizenship in a democratic republic
- Examine current social issues in a historical context
- Problem-solve issues and social problems in public life
- Learn how to make a positive difference through community service, political activities, and democratic process
- Understand civic and ethical responsibility within our nation and throughout the world

Assessment

- Tests/Quizzes
- Projects
- Written assignments
- Teacher assessment and anecdotal notes
- Community service
- Group and individual presentations
- Cross-cultural exchanges

Textbooks/Resources

Core Knowledge Material by E.D. Hirsch

Historical Novels: Fiction and Non-Fiction

The Internet

Maps

Alternative sources such as: film, plays, interviews, lectures, graphics, art, music, and posters



1st Grade Spanish

Content

Vocabulary Development
Phonetic Awareness
Grammar Awareness
Comprehension

Skills

The student will be able to:

Vocabulary Development

- Recognize and apply appropriate greetings: formal and informal
- Count 1-100; addition 0-20
- Tell time on the hour and half hour
- Identify classroom objects
- Recognize and apply basic commands
- Identify seasons and weather expressions

Phonetic Awareness

- Recognize and recite the Spanish alphabet

Grammar Awareness

- Identify noun genders

Comprehension

- Identify photos of places when hearing name of the place or building
- Identify and say the name of farm animals
- Identify and say the name of parts of a house, rooms in a house, and basic furniture and appliances; answer questions about the house
- Identify and say the names of members of a family; answer questions about family
- Tell time and show time on a clock
- Demonstrate understanding of everyday spoken words and phrases when accompanied by visual cues and/or props
- Use numbers to perform simple addition facts

Assessment

- Teacher observation and anecdotal notes
- Identification and recitations
- Participation in activities
- Read books
- Simple presentations

Textbooks/Resources

Popular grade level children's books



1st Grade Visual Arts

Content

Elements of art

Primary and secondary colors

Characteristics of lines, contour line, organic and geometric line

Texture

Ancient art of Egypt

Introduction to portrait and still life artworks

Valuing/Evaluation of exemplary artists/artworks

Feelings and Moods expressed through color

Integrated curriculum as related to social studies, math, history

Skills

The student will be able to:

- Practice drawing contour line, organic and geometric line
- Create and experiment with directional line, horizontal, vertical, diagonal
- Draw trees and landscapes using line variations
- Landscape line study showing horizon line
- Mix primary colors to create secondary colors
- Create a textural drawing using pencil techniques
- Create texture through the medium of clay/pinch pots
- Use recycled material to create Egyptian pyramids
- Recognize and identify portrait and still life
- Recognize, identify and classify artwork within the period studied
- Critique art prints to discuss the use of shapes
- Critique objects in the surroundings to discuss shape-to-form relationships
- Express and experiment with line and color to express emotion in art production

Assessment

- Informal observations during class
- One-on-one student conferences assessing both art work in progress and after completion
- Physical portfolio
- Digital portfolio
- Informal sketchbook assignments
- Informal written reflections
- Written assignments
- Participation in school art shows and exhibitions



1st Grade Performing Arts

Content

Speaking and singing
Posture, breathing, tone quality
Form
Multi-cultural songs
Notation
Rhythm
Pitch
Harmony
Multi-cultural Songs
Percussion Instruments

Skills

Student will be able to:

- Recognize loud and soft sounds
- Recognize a variety of articulations
- Use correct posture, breathing, and tone quality while singing
- Participate in solo and group singing
- Recognize instrumental and vocal sound differences
- Recognize ABA and AB form
- Recognize fast and slow tempo
- Recognize quarter notes and eighth notes
- Recognize verses
- Recognize various rhythms, such as galloping rhythm
- Apply Mi-so-la

Assessment

- Tests
- Writing Assignments
- Projects
- Performances

Textbooks/Resources

Share the Music (McGraw-Hill 2000): song selections and music games



1st Grade Physical Education

Content

Gross Motor Development
Teamwork/Sportsmanship
Creative Movement

Skills

The student will be able to:

- Perform basic tumbling and gymnastic techniques
- Perform 2-3 person stunts
- Perform and understand strength building exercises
- Demonstrate appropriate sportsmanship and fair play
- Demonstrate correct running motion forward and backwards
- Demonstrate movement phrases to music
- Demonstrate correct throwing/kicking technique for accuracy
- Demonstrate basic calisthenics
- Perform static and dynamic balance activities
- Demonstrate and apply basic techniques and skills to various sports and games
- Demonstrate and perform simple yoga poses
- Understand the relationship between strength and muscle building
- Demonstrate creativity in movement
- Demonstrate proper exercise techniques for various activities: push-up, sit-up, or pull-up
- Understand and identify benefits of physical activity

Assessment

- Creative movement performance
- Daily participation
- Teacher observation
- Checklists

1st Grade Outdoor Education

Content

Recreation: short hikes, biking, snowshoeing
Basic climbing skills
Nutrition, Health
Self motivation skills
Water activities and safety skills
Weather patterns

Basic emergency and survival skills
Cooperative challenges
Environmental awareness, conservation & sustainability
Cross country skiing/alpine skiing
Life and earth science
Reflection

Skills

- Prepare and pack day pack for activity
- Practice basic bicycling skills
- Practice basic snowshoeing skills
- Practice basic rock-climbing skills
- Demonstrate spatial awareness
- Identify and practice healthy and safe behavior
- Practice remaining calm in an emergency
- Identify who to call in an emergency
- Identify muscular and skeletal vocabulary
- Swim: floating, strokes, treading water, underwater development skills
- Prepare and plan appropriately for weather conditions
- Demonstrate leadership and team building skills
- Demonstrate basic cross-country and alpine skiing skills

Textbooks/Resources

White Pine, Wasatch Backcountry, School Materials, Parley's Canyon Summer Trails System