



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

## 2<sup>nd</sup> Grade Curriculum

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### **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



## 2<sup>nd</sup> Grade Language Arts

### Content

Word analysis: Vocabulary, Spelling  
Reading: Fluency, Comprehension  
Writing mechanics  
Writing and composition  
Penmanship

Auditory comprehension  
Public speaking and presentation  
Study skills  
Technology

### Skills

The student will be able to:

#### Word Analysis

- Identify vowels: short, long, diphthongs, r-controlled and other two-letter vowel sounds
- Recognize and apply suffixes and prefixes to base or root words
- Use spelling patterns
- Identify compound words
- Identify and apply contractions
- Recognize abbreviations
- Identify and apply homophones and homographs
- Recognize and apply regular plurals and irregular plurals
- Identify antonyms and synonyms
- Recognize unique spelling patterns
- Blend sounds together to decode a word

#### Reading

- Identify and appreciate different genres
- Read sight words independently
- Use pictures and context clues to decode unknown words
- Read a passage using appropriate inflection, tone and punctuation
- Summarize and synthesize information from a passage or text
- Draw connections between various pieces of information in a passage or text
- Recognize cause and effect
- Recognize the author's point of view and purpose
- Differentiate between fact and opinion
- Describe the main idea and supporting details of a passage or text
- Compare and contrast elements of two passages or texts
- Locate facts from a variety of informational texts
- Make inferences using implicit and explicit information
- Generate alternative endings to plots and identify the impact of the alternatives

#### Writing Mechanics

- Identify the parts of speech
- Identify misspellings of commonly used words
- Use high frequency words accurately in context of written work
- Recognize correct and incorrect capitalization and punctuation
- Apply the rules of English diction and grammar effectively

#### Writing and Composition

- Apply the concepts of the *Six Traits* writing process to a variety of prose
  - Creative writing
  - Narrative stories
  - Poetry
  - Reports
  - Journal writing
  - Letters
- Form paragraphs: topic sentences and supporting details
- Identify and apply narrative sequencing



#### *Penmanship*

- Apply appropriate handwriting technique

#### *Auditory Comprehension*

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

#### *Public Speaking and Presentation*

- Determine purposes for listening
- Follow directions
- Learn through discussion
- Participate in group discussions
- Share information through oral reports
- Apply grammatical correctness in speech

#### *Study Skills*

- Use charts, graphs, diagrams, visual aids, maps, globes and timelines
- Locate and compile information from a variety of sources
- Apply appropriate note taking skills as modeled
- Summarize and organize information

#### *Technology*

- Use a program or online resource independently to practice skills
- Use a program or online resource to create documents and presentations
- Identify and use the appropriate technology resource for a task

### **Assessment**

- Checklists
- Written assessments
- Weekly and unit comprehension tests
- Teacher observation and anecdotal notes
- Oral and written comprehension responses
- Writing portfolios
- Student/teacher conferences
- *Daily Oral Language* responses
- Quizzes and tests
- Written and oral presentations
- Projects
- Self-assessments
- Peer-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*

*Books to develop auditory and reading comprehension 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



## 2<sup>nd</sup> 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*

- Compare and order two, three and four digit numbers
- Round numbers to the nearest tens, hundreds and thousands place
- Identify place values of numbers
- Identify and regroup numbers using even, odd and ordinal position
- Identify factors, multiples and prime numbers
- Find the square and root of whole numbers
- Master addition and subtraction facts to 18
- Identify missing addends and digits in an addition or a subtraction problem
- Estimate sums and differences using mental math
- Add and subtract three or more one, two and three digit numbers
- Learn multiplication and division facts
- Multiply and divide using mental math
- Write fractional parts of wholes and sets
- Compare and order fractions
- Represent and write mixed numbers
- Add and subtract fractions
- Count, add and subtract money amounts

#### *Algebra*

- Use comparison symbols (<, >, and =)
- Identify the missing share or number in a pattern or matrix
- Identify a function rule
- Simplify expressions containing addition, subtraction, multiplication, division and parentheses

#### *Geometry*

- Identify, classify, describe, and draw polygons, three dimensional figures and parts of geometric solids
- Identify horizontal, vertical, oblique, parallel and perpendicular lines and line segments
- Identify right, acute and obtuse angles
- Name triangles by angle size
- Identify and show transformations: translations, rotations and reflections
- Identify lines of symmetry
- Find mass, perimeter, volume and area
- Locate and graph points on a coordinate plane

#### *Measurement*

- Estimate length and distance
- Measure length using nonstandard units, customary units and the metric system



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- identify equivalent units of linear measure
- Use a scale to find distance on a map

#### *Data Analysis and Probability*

- Draw, read, and graph on a bar graph and line graph
- Draw and decipher a pictograph
- Conduct a survey and tally results
- Describe the likelihood of an event and predict the outcome using probability
- Conduct probability experiments

#### *Problem Solving*

- Solve story problems involving addition and subtraction
- Solve story problems involving multiplication and division

#### *Reasoning and Proof*

- Classify and sort geometric shapes
- Determine fairness of a game

#### *Connections*

- Discover relationships between addition, subtraction, multiplication and division
- Read timelines

#### *Communication*

- Explain approaches to solving problems
- Write observations about a graph

#### *Representation*

- Represent numbers using manipulatives
- Write numbers using words
- Read and write Roman numerals
- Tell time to the hour, half hour, quarter hour, 5 minutes and minute
- Identify AM and PM, noon and midnight
- Find elapsed time
- Write the date using digits and solve problems using the calendar
- Estimate and identify common temperatures
- Read a Fahrenheit and Celsius thermometer
- Construct and show addition, subtraction and multiplication on a number line

### **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

### **Textbooks/Resources**

*Saxon Math*

*Everyday Math* resources

Math reasoning materials

Computer programs

Wide selection of children's literature illustrating math concepts



## 2<sup>nd</sup> Grade Science

### Content

Life Science

Earth and Space Science

Science and Technology

### Skills

The student will be able to:

#### *Life Science*

- Identify the main body parts of insects
- Identify the life cycles of insects, plants and animals
- Recognize and understand the process of metamorphosis and incomplete metamorphosis
- Recognize and understand that all living things are made up of cells
- Understands various cell functions
- Recognize and understand that people have different external features
- Identify the parts of the digestive system and excretory system
- Identify different types of teeth

- Understand the food pyramid and elements of a healthy diet

#### *Earth and Space Science*

- Identify the different aspects of the water cycle
- Understand the sun's role in relation to the Earth
- Recognize and understand different cloud formations

#### *Science and Technology*

- Recognize and understand the role of simple machines
- Recognize the importance of various inventions and the inventive process
- Understand the construction process and building materials

### Process and Inquiry Skills

The student will be able to:

- Create models
- Apply observation, prediction and description techniques
- Classify information, data and objects
- Compare observations with others
- Apply different types of measurements tools
- Use different types of scientific tools such as microscopes and hand lens

- Make informed decisions
- Work cooperatively in a group
- Investigate and explore information, data and objects
- Interpret pictures
- Share information with others
- Explain and substantiate ideas
- Graph data or information
- Demonstrate use of tools

### Assessment

- Teacher observations
- Class activities
- Student work
- Class discussions
- Student participation
- Quizzes
- Student reflections

### Textbooks/Resources

Science videos and nonfiction books



## 2<sup>nd</sup> Grade Social Studies

### Content

World studies and cultures  
US History  
Geography  
Government  
Civic responsibility

### Skills

The student will be able to:

#### *World studies and cultures*

- Understand and identify significant aspects of culture in Ancient Greece, Europe, Asia and Africa
- Synthesize experiences that inform the study of culture and cultural diversity
- Describe ways human beings view themselves in a social context
- Recognize relationships among science, technology and society over time

#### *US History*

- Identify the role of communities, including the local community
- Recognize significant aspects of westward expansion, such as the transcontinental railroad
- Recognize the impact of immigration, the civil rights movement, and key historical events

#### *Geography*

- Consider the geographic aspects of several historical developments
- Recognize the parts of a map and identify various uses of a map locally and globally
- Understand political boundaries
- Recognize seminal interactions among individuals, groups and institutions

### Assessment

- Tests and quizzes
- Projects
- Writing
- Teacher assessment and anecdotal notes
- Community service
- Presentations
- Group activities
- Cross-cultural exchanges

- Identify how people organize for the production, distribution and consumption of goods and services
- Appreciate growing global interdependence

#### *Government*

- Understand the symbolic significance of the American flag, Statue of Liberty, National Anthem and other icons of U.S. History
- Recognize and understand the role of the President of the U.S.
- Consider historical knowledge in examining current social issues
- Identify ideals, principles and practices of citizenship in a democratic republic
- Identify how structures of power, authority and governance may evolve

#### *Civic Responsibility*

- Identify and apply appropriate leadership skills
- Recognize current events related to civic duty
- Participate in service learning locally
- Problem-solve issues and social problems in public life
- Discuss how to make a positive difference through community service, political activities and democratic process
- Recognize the importance of civic and ethical responsibility within our nation and throughout the world

### Textbooks/Resources

Core Knowledge Material by E.D. Hirsch

Historical Novels: Fiction and Non-Fiction

Internet

Maps

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



## 2<sup>nd</sup> Grade Spanish

### Content

Vocabulary development  
Grammar development  
Oral reading  
Comprehension

### Skills

The student will be able to:

#### *Vocabulary Development*

- Apply greetings, farewells and common courtesy expressions
- Identify and apply simple commands
- Identify and recite numbers and skip count
- Identify colors, shapes and sizes
- Recognize and apply Social Studies vocabulary: continents, oceans, city buildings, places and occupations
- Identify and apply calendar vocabulary
- Identify and apply vocabulary related to family, pets, clothing and body parts

#### *Grammar Development*

- Recognize noun gender and article agreement
- Recognize prepositions of place
- Recognize verb tense and subject agreement

#### *Oral Reading*

- Read greetings and farewells, simple conversational skits, and written numerals

#### *Comprehension*

- Respond to a variety of questions both orally and written
- Designate objects utilizing appropriate vocabulary orally and written
- Apply appropriate grammar usage both orally and written

### Assessment

- Teacher observation and anecdotal records
- Oral quizzes and tests from photos and/or actual objects
- End-of-the-year oral assessment
- Conversational questions

### Textbooks/Resources

*Let's Learn Spanish* and *Muy Bien* level A



## 2<sup>nd</sup> Grade Visual Arts

### Content

Elements of art, line, shape, form space, light, texture and color  
Problem-solving skills as related to composition  
Color theory and color wheel introduction  
Warm and cool colors  
Negative and positive space in artworks  
Spatial composition, three-dimensional form  
Portrait and still-life composition  
Evaluation of exemplary artists/artworks, simple critique  
Elements of art composition

### Skills

Student will be able to:

- Create contour line drawing using organic lines, shapes and forms
- Develop line drawing using directional lines
- Create a color wheel using compositional skill and problem solving
- Create two landscapes: one cool color, one warm color scheme
- Contour drawing using negative and positive space
- Create self portrait using pencil and watercolor techniques
- Create still life drawing using pencil and blending techniques: shadow and depth
- Identify different periods of art by style and content
- Create subject matter that depicts and expresses moods and feelings
- Understand art history

### 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



## 2<sup>nd</sup> Grade Performing Arts

### Content and

Musical symbols and markings  
Sound effects  
Vocal registers  
Meter  
Rhythm  
Multi-cultural music  
Tempo  
Percussion instruments  
Melody and ostinato  
Form  
Vocal expressions  
Families of instruments

### Skills

Student will be able to:

- Recognize musical symbols and markings/vocabulary
- Practice body percussion
- Recognize and use sound effects, vocal and instrumental
- Listen to different types of instrumentation
- Recognize and use steady beat
- Understand difference between beat versus rhythm
- Recognize ostinatos
- Recognize fast and slow tempos
- Sing Do-mi-so-la
- Recognize AB and ABC form
- Practice vocal expression
- Identify families of instruments
- Practice echo-singing

### Assessment

- Class participation
- Performances
- Tests
- Projects

### Textbooks/Resources

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



## 2<sup>nd</sup> Grade Physical Education

### Content

Gross motor development  
Teamwork and sportsmanship  
Creative movement

### Skills

- Perform and understand strength-building exercises
- Demonstrate appropriate sportsmanship and fair play
- Demonstrate correct running motion forward, backwards, sideways
- Demonstrate movement phrases to music
- Demonstrate correct throwing and 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
- Demonstrates creativity in movement
- Demonstrate proper exercise techniques for various activities such as a push-up, sit-up, or pull-up
- Understand and identify benefits of physical activity
- Perform the required tasks for the *Presidential Physical Fitness Test*
- Perform eye-hand coordination activities such as juggling

### Assessment

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



## 2<sup>nd</sup> Grade Outdoor Education

### Content

Recreation

Short hikes

Biking

Snow shoeing

Basic climbing skills

Nutrition

Basic emergency skills

Health

Self motivation skills

Water activities and safety skills

Weather patterns

Basic survival skills

Cooperative challenges

Environmental awareness, conservation and sustainability

Cross country skiing and alpine skiing

Life and earth science

Reflection

### Skills

The student will be able to:

- 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 and 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