

Curriculum Grid

GRADE	Language Arts	Math	Social Studies	Science	Art	Music	Physical Education	Health/Wellness	Other Programs																								
<p>Pre-Kindergarten</p> <p><i>Themes:</i> Ourselves and Our Community Water, Light, Messages, Seeds and Eggs</p>	<ul style="list-style-type: none"> Letter Recognition Sound/Symbol Relationships Pattern Awareness Left to Right Orientation of Writing Auditory Discrimination Story Structure (setting, characters) Word Wall Use of Charts Rhyming, Syllabication, Phonemic Awareness Dictation and Creation of Stories 	<ul style="list-style-type: none"> Counting Comparison and Prediction of Patterns Measurement Using Common Objects Concepts of Time and Calendar Construction of Designs and Matching Shapes Attribute Sorting and Classification Simple Graphs Relationships – Pairs/Opposites, Symmetry One-to-one Correspondence Estimation 	<ul style="list-style-type: none"> Exploring Individual and Group Identities Awareness and Respect for Differences Personal Responsibility Cooperation and Problem Solving Skills 	<ul style="list-style-type: none"> Water Light Reflections Messages (Communication Technologies) Seeds and Eggs Seasons & Weather Our Bodies Senses Nutrition 	<ul style="list-style-type: none"> Patterns, Shapes, Lines Primary and Secondary Colors Painting, Drawing, Collage, Printmaking, Clay Sculpture Drawing and Painting Sculpture 	<ul style="list-style-type: none"> Folk and Classical Music Appreciation Development of Unison and Independent Singing Movement via Creative Expression, Singing Games and Chants Listening Skills Tone Matching Steady Beat Differentiation Between Musical Dynamics Simple Nonpitched Percussive Instrumental Playing 	<ul style="list-style-type: none"> Movement Exploration Spatial and Body Awareness Primary Ball Skills: Throwing, Catching, Kicking Dance and Rhythm Skills Rope and Hoop Games Parachute Games 	<ul style="list-style-type: none"> Respect for Oneself and Others Awareness of Feelings Taking Care of Your Body Hygiene School Safety Medicines & Safe Use Personal Safety Skills How We Grow 	<p>LIBRARY</p> <p>The goals of the library program are to foster the enjoyment and appreciation of literature and to provide materials to meet the learning and information needs of students. Resources and facilities are available to support classroom work and to enrich each student's educational experience. During scheduled library visits children are introduced to a variety of print and non-print materials. Readers' advisory is provided for students selecting books for assigned and recreational reading. Reference instruction — integrating traditional reference tools and newer electronic sources — is provided for students doing research and inquiry.</p> <p>COMPUTER</p> <p>The goal of the computer program is to encourage the use of computers as tools in all subjects and curricula. We encourage students to explore a variety of concepts on multiple levels and gather, synthesize and present ideas and information in creative and innovative ways. Computers provide students with multi-sensory experiences in a highly interactive and developmentally appropriate learning environment. Some of the electronic learning tools used are: creativity/presentation software, word processing, desk-top publishing, data analysis, graphics, the world-wide web, LOGO programming, music composition.</p> <p>ASSEMBLIES</p> <p>Once each week there is a school-wide assembly. These assemblies may be performances or presentations by outside entertainers or they may be "sharing assemblies" when individual children or classes "share" a performance with the rest of the school.</p> <p>BUDDY PROGRAM</p> <p>Each seventh and eighth grader is matched with a pre-kindergartener or a kindergartener and remains his/her "buddy" for the year. These buddies have some play time together, attend assemblies together and spend time in the Pre-K and K classrooms. The older students serve as excellent role models for the younger students and both ages benefit from this interaction and established mutual friendship.</p> <p>AFTER-SCHOOL SPORTS</p> <p>The sports program is a basic and integral part of the total educational program. It is designed to offer each student, regardless of ability, the opportunity to experience meaningful growth, accomplishment and success at his or her own level. The program provides children with experiences that lead to a lifelong interest in exercise by advancing their physical abilities and providing them with skills related to a variety of sports.</p> <p><i>The following team sports are offered:</i></p> <table border="1"> <tr> <td>FALL Soccer Field Hockey</td> <td>WINTER Basketball</td> <td>SPRING Lacrosse Tennis</td> </tr> </table>	FALL Soccer Field Hockey	WINTER Basketball	SPRING Lacrosse Tennis																					
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<p>Kindergarten</p> <p><i>Theme:</i> People — Who We Are, Who We Love, Where We Live</p>	<p>Whole Language Approach with Phonetic Instruction:</p> <ul style="list-style-type: none"> Development of Sight Word Vocabulary Shared Readings of Children's Literature Recognition of Patterns Within Language for Decoding and Spelling Invented Spelling Development of Auditory and Visual Discrimination Beginning Phonetic Skills, Sound/Symbol Relationships Rhyming, Syllabication, Phonemic Awareness 	<ul style="list-style-type: none"> Writing of Numerals Counting to 100 Graphs Estimation (small and large quantities) Sequencing Sorting Objects by Attributes Time and Calendar Geometric Shapes Patterns Weight and Measurement Money Problem Solving 	<ul style="list-style-type: none"> Taking Care of Our Bodies Food Families Friendships Community Climate as it Relates to Theme Agriculture 	<ul style="list-style-type: none"> Anatomy Senses Nutrition Pets & Pet Care Solar System Conservation & Recycling Farming, Animals on a Farm Life Cycle of a Plant 	<ul style="list-style-type: none"> Two- and Three-Dimensional Art Patterns, Shapes, Lines Positive and Negative Shapes Primary, Secondary Colors Painting, Drawing, Collage, Printmaking, Clay Sculpture Color Wheel 	<ul style="list-style-type: none"> Folk and Classical Music Appreciation Folksongs and Singing Games and Chants Steady Beat in Different Tempos Differentiation Between Beat and Rhythm Creative Movement and Art in Classical Music Development of Listening Skills Singing in Tune Up to an Octave Range Left To Right Musical Reading Readiness Nonpitched Percussive Instrument Work With Singing or Listening 	<ul style="list-style-type: none"> Body Awareness—Laterality and Directionality Basic Gymnastics and Tumbling Gross Motor Skills Working with Manipulatives Movement Exploration Rope and Hoop Games/Rhythmic Activities Parachute Games 	<ul style="list-style-type: none"> Friendship Expressing Feelings Differences Manners Individual Development Personal Hygiene Loss, Emotions Personal Safety Skills School Safety Conflict Resolution 																									
<p>First Grade</p> <p><i>Theme:</i> Our Natural World</p>	<p>Whole Language Approach with Phonetic Instruction:</p> <ul style="list-style-type: none"> Recognition of Patterns Within Language for Decoding and Spelling Phonics Skills: Vowels, Consonant Digraphs Development of Sight Word Vocabulary Development of Writing through the Project Read Program Reading Comprehension Skills: Literal, Inferential 	<ul style="list-style-type: none"> Development of Number Sense Counting by 2's, 5's, and 10's Development of Sorting, Classifying, and Sequencing Skills Estimation Graphing Attributes Fraction Concepts Measurement: Yards, Feet, Inches Time: Hour, Half-Hour 	<ul style="list-style-type: none"> Local & Seasonal Farming Conservation of Resources Nutrition & Food Choices Food Around the World Geography Continents Oceans Hemispheres Cardinal Directions (North, South, East, West) 	<ul style="list-style-type: none"> Plants and Seeds Honeybees Cause and Effect Animal & Plant Adaptation Island Formation 	<ul style="list-style-type: none"> Trees & Faces – Line, Shape, Texture, Color Creature Collages – Use of Shapes and Textures Vegetable Collages – Color, Shape, Composition Animal Drawings, Prints, Clay Sculptures – Line, Shape, Texture, Color, 3-D Plaster Hand Puppets – Use of 3-D Form Bug Drawings & Paper Maché Sculptures 	<ul style="list-style-type: none"> Folk and Classical Music Appreciation Development of Vocal Production, Tonality and Expression Appreciation of Musicians and Composers Introduction to Melodic Symbols Rhythmic Reading and Writing Creative Movement and Art to Music Listening Skills Part Singing and Chanting Nonpitched and Pitched Percussive Instrumental Playing 	<ul style="list-style-type: none"> Cooperative Activities and Challenges Creative Musical Expression Non-Competitive New Games Gymnastics and Tumbling Creative Movement Lead-up for Team Games Rope and Ball Skills Parachute Routines Traversing Wall Sports Lead-up Activities 	<ul style="list-style-type: none"> Self-Esteem Communication Skills Conflict Resolution Developing Individual Responsibility Families Physical Anatomy Nutrition Hygiene Managing Physical Aggression Personal Safety Issues Emergency Procedures 																									
<p>Second Grade</p> <p><i>Theme:</i> North American Indigenous Peoples</p>	<p>Literature-Based Program</p> <ul style="list-style-type: none"> Application of Syllabication Skills Decoding Phonetic Elements Development of Reading with Fluency and Expression Reading Comprehension Skills—Literal, Inferential Application of Writing Process Approach Continuation of Phonics Skills 	<ul style="list-style-type: none"> Numeration: Place Value, Addition, Subtraction Reading and Writing of Numerals Addition and Subtraction with Regrouping Multiplication and Division with Manipulatives Telling Time to 5-minute Intervals Measurement: Inches, Feet, Yards Money Fractions Estimation Symmetry 	<p>North American Indigenous Peoples</p> <ul style="list-style-type: none"> Climate of each region Culture, Homes, and Food Sources Local animals and their habitats Creation myths and Animal Legends 	<ul style="list-style-type: none"> Trees, Leaves & Seeds Three Sisters Garden and Clouds Seasons Conservation of Nature Phases of the Moon Living Off the Land Animals Connected to Native Cultures 	<ul style="list-style-type: none"> Animal Spirit Drawings Focus on Symbolic Imagery Paper Weavings and Stick Mobiles Clay Pots – Coil Construction Sequential Drawings – Imagery Tells a Story Imaginary Wooden Vehicles Focus on Structural Balance, Integrity Landscape, Seascape, Color, Blending 	<ul style="list-style-type: none"> Folk and Classical Music Appreciation and Expression Singing in Tune with Dynamics and Expression Appreciation of Musicians of Different Eras Listening Skills Pentatonic Scale Aural Recognition of Tonalities Rhythmic Skills Creative Movement and Art to Music Musical Form and Analysis Creative Folk Dances Singing in Parts 	<ul style="list-style-type: none"> Physical Fitness Awareness and Evaluation Lead-Up Activities for Team Games Stunts and Tumbling Group Cooperative Games Rope and Ball Skills 	<ul style="list-style-type: none"> Understanding and Respecting Differences Social Competency Conflict Resolution Personal Differences in Development Hygiene Helpful Drugs/Harmful Drugs 																									
<p>Third Grade</p> <p><i>Theme:</i> Traveling with Marco Polo: The Journey from Venice, Italy to China.</p>	<p>Literature-Based Program</p> <ul style="list-style-type: none"> Development of Vocabulary Decoding of Phonetic Elements Use of Syllabication to Decode Reading with Fluency and Expression Main Idea Detail Sequence Prediction of Events/Outcomes Application of Writing Process Reading Comprehension Skills—Literal, Inferential Character Analysis 	<ul style="list-style-type: none"> Reading and Writing of Numerals to 99,999 Multiplication Facts Addition & Subtraction with Regrouping Division as Inverse of Multiplication Factors Graphs Fractions Problem Solving 	<p>Traveling With Marco Polo</p> <ul style="list-style-type: none"> Venice, Italy Traveling Merchants The Middle East (Turkey) China Different Cultures Compared and Contrasted World Geography Desert Environment 	<ul style="list-style-type: none"> Air Animal Classification Penguins 	<ul style="list-style-type: none"> Solar Systems: InnerPlanets, Outer Planets, Comets, Asteroid Belt, Relative Size and Distance 	<ul style="list-style-type: none"> Self Portrait Drawings Use of Lines & Shapes in Facial Expressions Clay Self Portraits Stained Glass Windows Symmetry & Letters as Design Persian-Style Rugs Clay Head Puppets Chinese Seal Prints that Explore Symbolic Imagery 	<ul style="list-style-type: none"> Appreciation of Music from Around the World Listening Skills Rhythmic Work and Notation in Parts Improvisation and Composition Creative and Folk Dances Musical Form and Analysis Instrumental Playing: Barred Instruments, Recorders Introduce Singing in Parts 	<ul style="list-style-type: none"> Stunts, Tumbling Sports Skills & Lead Up Activities Movement Experiences Physical Fitness Awareness Cooperative and Group Games Climbing Wall Tumbling Dance, Rhythmic Activities Creative Movement 	<ul style="list-style-type: none"> Conflict Resolution Respecting Differences Family Diversity Gender Stereotypes Body Image 																								
<p>Fourth Grade</p> <p><i>Theme:</i> Comparative Cultures: Ancient Greece, Yoruba of Nigeria.</p>	<p>Literature-Based Program</p> <ul style="list-style-type: none"> Active Reading Strategies Stylistic Elements Vocabulary Development Development of Fluent Reading Skills Prediction of Events/Outcomes Cause/Effect Research Skills Oral and Written Reports Application of Writing Process Study Skills 	<ul style="list-style-type: none"> Reading and Writing Numerals to the Billions Computations, \times \div $+$ $-$ Fractions Geometric Relationships Relationship Between Operations Logic Puzzles Problem Solving Working with Money 	<p>Elements of Culture Comparative Cultures</p> <ul style="list-style-type: none"> Oral Tradition Artistic Expression Forms of Worship Awareness of Physical/Cultural Differences (Disabilities Awareness) Mythology, Religion 	<ul style="list-style-type: none"> Wetlands Human Body Handicaps Woodland Ecology Archeological Principles Constellations Solar Ovens 	<ul style="list-style-type: none"> Owl Pellet Dissection Rain Forest 	<ul style="list-style-type: none"> Figure Drawing Emphasizing Proportion, Gesture and Expression Figure Sculpture Portrait Painting Using Symbols and Mixed Colors Modeling Clay for Structure and Texture Combining Painting with Use of Diverse Materials Sculpting Functional Architecture 	<ul style="list-style-type: none"> Singing in Unison and Parts Learning a Repertoire of Thematically Related Songs Melodic Elements and Structures Rhythmic Work Creative Movement and Folk Dances Instrumental Playing – Barred Instruments, African Drums and Recorders Listening Skills and Appreciation Improvisation and Composition 	<ul style="list-style-type: none"> Physical Fitness Activities and Evaluation Understanding of Rules and Strategies Instruction in a Variety of Sports Skills Intramural Games Cooperative and Group Activities Introduction to Team Sports After-School Sports (Spring) Climbing Wall 	<ul style="list-style-type: none"> Human Diversity Diversity of Families Teasing, Put-downs Stereotypes and Prejudice Health and Fitness Death, Loss, Grief Personal Safety Decision Making and Peer Pressure Conflict Resolution Positive Leadership Group Skills 																								
<p>Fifth Grade</p> <p><i>Theme:</i> The Changing Face of America</p>	<p>Literature-Based Program</p> <ul style="list-style-type: none"> Exposure to Different Genres of Literature Reading Comprehension—Development of Literal, Inferential Skills Character Development Literature Analysis Expansion of Vocabulary Development of Library Skills and Research Application of Writing Process Journal Writing Report Writing 	<ul style="list-style-type: none"> Factors & Multiples Primes & Composites Multi-Digit Division with 1 & multi-digit divisor Fractions $+$ $-$ and $-$ with Like and Unlike Denominators Measurement to Scale Concept of Quantity to Millions Logic Puzzles Mixed Numbers 	<p>Changing Face of America</p> <ul style="list-style-type: none"> Immigration through Ellis Island African-American Forced Migration, Slavery, and Migration to Northern Cities; Industrialization New England Mill Life Colonial Life 	<ul style="list-style-type: none"> Orienteering, Maps, Compass Simple Machines Human Body: Anatomy, Reproduction, Development Windmill Inventions Electricity Design Technology 	<ul style="list-style-type: none"> Water Color/Pencil Drawing with Emphasis on Symmetry, Symbol and Color Clay Slab Modeling and Joinery Rube Goldberg Drawings Designing and Constructing Cardboard Model Homes Lettering and Coloring and Advertising Design 	<ul style="list-style-type: none"> Beginning Harmony Singing in Unison and Parts Melodic Elements and Structures Rhythmic Work Listening Skills and Appreciation Improvisation and Composition Instrumental Playing Barred Instruments Simple Piano 	<ul style="list-style-type: none"> Physical Fitness Assessment: Strength, Endurance, Flexibility, Cardiovascular Fitness Instruction in a Variety of Sports Skills Group Goal-Oriented Tasks Intramural Games Team Sports After-School Interscholastic Sports 	<ul style="list-style-type: none"> Relationships Friendships Family Diversity Social Competency Aging, Death Reproduction Peer Pressure and Decision-making Strategies 																									
<p>Sixth Grade</p> <p><i>Themes:</i> What's The Big Idea?</p>	<p>Literature-Based Program</p> <ul style="list-style-type: none"> Effective Reading and Writing of Poetry, Literature and Non-Fiction Development of Literal, Inferential Comprehension Development of Textual Support for Ideas Literature Analysis Introduction of Symbols in Poetry and Prose Reading Comprehension—Continued Development of Literal, Inferential Skills Development of Writing Skills including Grammar, Mechanics, Voice Organization 	<ul style="list-style-type: none"> Geometry: Perimeter, Area, Volume, Pythagorean Theorem, Circumference Prime and Composite Numbers Decimals: Compute All Operations Fractions: Mixed Numbers, Improper Fractions, All Operations Equivalents: Fractions, Decimal, Percent Linear and Non-linear Functions Positive/Negative Numbers Word Problems Probability/Statistics Metric System 	<p>What's The Big Idea?</p> <ul style="list-style-type: none"> Big Bang & The Structure of the Universe Birth of Our Solar System The Rise of Life Through Evolution The Mind's Big Bang – Language & The Emergence of Civilization Mythology & World Religions The Exponential Future 	<ul style="list-style-type: none"> Preservation of Resources Oceanography: Coastlines, Coral Reefs, Salt Marsh Marine Organisms Whaling Virus/Human Disease Transsect Study Over Seasons Fresh Water: Quality, Pollution, Resources Body Systems: Macro Invertebrates Cells/Dissection 	<ul style="list-style-type: none"> CD Cover Design – Cartoon Drawing & Composition Musical Instrument Construction Self Portraits Emphasizing Facial Features and Shading Large Sculptures of Ordinary Objects – Proportion, Quality of Craftsmanship Clay Canopic Jars – Focus on Thematic Relationship Between Lid and Jar 	<ul style="list-style-type: none"> Beginning Harmony Singing in Unison and Parts Melodic Elements and Structures Rhythmic Work Listening Skills and Appreciation Improvisation and Composition Instrumental Playing Barred Instruments Simple Piano Musical Theatre 	<ul style="list-style-type: none"> Advanced Movement Experiences Instruction in a Variety of Sports Skills Physical Fitness Assessment: Strength, Endurance, Flexibility, Cardiovascular Fitness Group Goal-Oriented Tasks Team Sports After-School Interscholastic Sports 	<ul style="list-style-type: none"> Friendships, Peer Pressure, Decision Making Patterns of Abuse, Harassment Homophobia Human Body Systems Internal Organs Gender Differences and Bias Alcohol and Other Drugs 																									
<p>Seventh Grade</p> <p><i>Theme:</i> Perspectives of Justice.</p>	<p>Literature-Based Program – 2-Year Sequence</p> <ul style="list-style-type: none"> Literature Analysis Including Theme Prediction, Inferences, Author's Voice and Purpose Writing Style Exposure and Practice with Expository, Descriptive, Narrative, Play, Poetry and Essay Writing Grammar Study: Parts of a Sentence, Modifiers, Subordinate Clauses, Phrases, Fragments, Run-ons, Frequent Errors Mechanics: Commas, Parentheses, Hyphens, Apostrophes, Ellipses, Colons, Semi-Colons Public Speaking Skills 	<ul style="list-style-type: none"> Introductions to Variables Integers Graphs and Data Analysis Ratio, Proportion, and Percent Number Theory and Exponents Equations and Word Problems Geometry Probability and Counting Non-routine problems 	<p>Perspectives on Justice - 2-Year Sequence</p> <ul style="list-style-type: none"> Creating a New Nation: Declaring Independence and the American Revolution The United States Constitution: Political Roots and Development, the Bill of Rights and Important Amendments Slavery and the Civil War Race & Membership: Segregation through the Civil Rights Movement The Chinese Cultural Revolution Caste and the British Rule in India Research Skills: Analysis and Evaluation of Information, Note-Taking, Outlining, Footnotes, Bibliography, Thesis Critical Essay Writing Public Speaking and Debating: Introductory Logic 	<p>2-Year Sequence</p> <ul style="list-style-type: none"> Scientific Method: Developing & Supporting Hypotheses Measurement and Data Collection Geologic Processes Earth Structure Plate Tectonics Atomic Structure of Matter Bonding and Compounds Chemical Reactions Motion, Force, Energy and Work Energy Sources and Conversion DNA and Genetics Heredity and Evolution Environmental Responsibility 	<p>2-Year Sequence</p> <p>Drawing: Pencil Rendering, Cross Hatching, Line Drawing, Still-lifes, Landscapes, Abstracts</p> <p>Sculpting: Clay, Three-dimensional Forms, Wire, Wood, Cardboard, Papier Maché</p> <p>Painting: Water Color, Acrylics, Tempera Paint Composition, Color, Texture, Shape, Light and Shadow</p>	<p>Multi-Arts Program-Units of Study with Specialists</p> <ul style="list-style-type: none"> Drama Music; Including Handbells and Percussion Units Play or Musical Production with Accompanying Music, Choreography, and Set Design Chorus Dance Video 	<ul style="list-style-type: none"> Instruction in a Variety of Sports Skills Cooperative and Competitive Activities Physical Fitness Assessment: Strength, Endurance, Flexibility, Cardiovascular Fitness Team Sports After-School Interscholastic Sports 	<ul style="list-style-type: none"> Emotional Well-Being Throughout Adolescence Communication with Peers, Building Peer Support Systems Sexual Harassment/Bullying Nutrition First Aid Eating Disorders/Body Image Sexually Transmitted Diseases Human Sexuality Chemical Dependency and Resources for Help Personal Body Safety and Abuse Media Literacy Internet Safety Knowing Self & Others Leadership 																									
<p>Eighth Grade</p> <p><i>Theme:</i> Perspectives of Justice.</p>	<ul style="list-style-type: none"> Algebra Equations and Word Problems Monomials and Polynomials Factoring Polynomial Algebraic Fractions Applying Fractions Linear and Quadratic Functions Systems of Linear Equations Inequalities Rational and Irrational Numbers 	<ul style="list-style-type: none"> Equations and Word Problems Monomials and Polynomials Factoring Polynomial Algebraic Fractions Applying Fractions Linear and Quadratic Functions Systems of Linear Equations Inequalities Rational and Irrational Numbers 	<ul style="list-style-type: none"> Equations and Word Problems Monomials and Polynomials Factoring Polynomial Algebraic Fractions Applying Fractions Linear and Quadratic Functions Systems of Linear Equations Inequalities Rational and Irrational Numbers 	<ul style="list-style-type: none"> Equations and Word Problems Monomials and Polynomials Factoring Polynomial Algebraic Fractions Applying Fractions Linear and 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