




LOWER SCHOOL CORE CURRICULUM CHART

	EARLY LEARNING				UPPER LEARNING		
	Pre-K	K	1	2	3	4	5
SOCIAL STUDIES 	<i>Our Campus Community</i>	<i>A Community by the River</i>	<i>Our Expanding Community</i>	<i>New York City</i>	<i>The Hudson River</i>	<i>The Human Journey</i>	<i>Modern History</i>
	Character Strengths, Friendship, "See, Think, Wonder", Heroes (People Who Make a Difference), Artist Study, Cross-Cultural Holidays, Earth Day	Our Campus Community, Character Strengths, Festivals of Light, The Power of One (People Who Make a Difference), Campus on a River, Our Relationship to the Environment	Me & My Family, Our Classroom Community, Character Strengths, Culture Visits, Urban/Suburban, Similarities/Differences, One Planet Earth	Character Strengths, Community, NYC Neighborhoods, Immigration, People Who Make a Difference, Map Skills	River History & Ecosystem, Lenape Research, Explorers, Industrialists, Modern Day River, Map Skills & Geography	Earth and Human Origins, Ancient Greece, <i>The Silk Road</i> : Ancient China, Trade, African Cultures, The Renaissance & European Explorers, Columbian Exchange, Map Skills	The Revolutionary War: Turning Points and Impact, Activism in American History, US Geography
LITERACY Language read speaklistenstories watchbookswrite	<i>Literacy Foundations</i>		<i>Learning to Read and Write</i>		<i>Reading to Learn and Writing with Intention</i>		
	Storytelling, Elements of Story, Mystery Reader, "All About Me" Book, Letter of the Week, Alphabet Songs, Handwriting Without Tears, "Big" Words	Storytelling, Elements of Story, Literature Circles, Alphabet Study, Sounds in Motion, Journal Writing, Handwriting Without Tears, Oral Language/Vocabulary Development	Reading for Meaning, Literary Elements, Parts of Non-Fiction, Guided Reading Groups, Phonics & Sight Reading, Writer's Workshop, Journal Writing, Handwriting Without Tears	Reading for Meaning, Fluency & Comprehension, Features of Expository Text, Book Talks, Applying Phonics Rules, Conventional Spelling, Mechanics of Writing, Sentence Writing, Intro to Paragraph Writing, Story Writing	Reading to Learn, Character Study, Introduction to Cursive, The Writer's Process, Paragraph & Multi-Paragraph Works, Personal Narratives, Crafting an Argument, Creative Writing, Research Writing	Reading to Learn, Linking Reading to Curriculum, Folklore, Word Study, The Writer's Process, Paragraph & Multi-Paragraph Works, Creative Writing, Report Writing	Setting up a Reader's Life, Reading Independently, Strategic Reading, The Writer's Process, Personal Narratives, Character Study, Persuasive Writing, Historical/Non-Fiction, Research Essay, Presentation Skills
MATH 	<i>Number Sense, Addition and Subtraction</i>				<i>Multiplication, Division, Numerical Relationships and Patterns</i>		
	Counting and Cardinality, Composing and Decomposing Numbers, Number Recognition, Patterns, Sequencing, Sorting & Classifying, Days of the School Year, Graphing, Geometric Shapes, Patterns, Block Building, Cooking	Counting and Cardinality, Composing and Decomposing Numbers, 100 Chart, 5 and 10 frames, Geometry: 2D and 3D Shapes, Estimating, Calendar Work, Days of the School Year, Graphing, Patterns, Problem Solving, Block Building, Cooking	Composing and Decomposing of Numbers, Represent and Solve Problems in Addition and Subtraction, Place Value and Properties of Operations to Add and Subtract, Days of the School Year, Measurement, Time & Money, Problem Solving	Number Patterns, Composing and Decomposing of Numbers, Represent and Solve Problems in Addition and Subtraction, Place Value and Properties of Operations, Intro to Multiplication, Basic Fractions, Measurement, Time & Money, Number Patterns, Graphing, Geometry	Numbers and Operations in Base 10: Addition & Subtraction Review; Multiplication & Division, Place Value for Multi-digit Operations, Rational Numbers: Fractions, Geometry: Lines, 2D & 3D Shapes, Area & Perimeter Measurement	Numbers and Operations in Base 10: Multiplication & Division, Properties for Operations, Place Value for Multi-digit Operations, Rational Numbers: Fractions, Decimals, & Percentages, Geometry: 2D & 3D Shapes and Angles, Measurement	Numbers and Operations in Base 10: Multiplication & Division, Rational Numbers: Fractions, Ratios, Decimals, Percentages, Operations with Fractions, Geometry: 2D & 3D Shapes and Solids, Graphing, Angles, Operations and Algebraic Thinking, Measurement, Data & Statistics
SCIENCE 	<i>Environmental Education</i>			<i>S.T.E.A.M. Integration (Science, Technology, Engineering, the Arts and Mathematics)</i>			
	Nature Walks, Workshops at NYBG, <i>Observational Science</i> : Seasonal Changes, Making Predictions, <i>Exploration of Living Things</i> : Butterflies, Conversations about Science (Scientific Terms), Sink/Float, Freezing/Melting, <i>Gardening</i> : Planting	Nature Walks, Greenburgh Nature Center, <i>Observational Science</i> : Botanical Drawings, Seasonal Change, Pumpkin Study: Decomposition and Life Cycles, <i>Gardening</i> : Plant, Harvest, and Put the Garden to Bed	Nature Walks, Visits to Wave Hill, Observing Seasonal Changes, Plant and Animal Life Cycles: Ants, Tadpoles, and Butterflies, <i>Gardening</i> : Plant, Harvest, and Put the Garden to Bed, LEGO Education & Bee-Bots	<i>Earth's Systems</i> : Earth and the Solar System, <i>Life Science</i> : Biodiversity, Ecosystem Interactions, <i>Physical Science</i> : Motion and Stability, Energy, <i>Gardening</i> : Plant, Harvest, and Put the Garden to Bed	<i>Hudson River—Life Science</i> : Plants and Animals, Life Cycles, Food Webs, <i>Hudson River—Physical Science</i> : Landforms, Weather and Climate, Erosion	<i>Earth and Space Science</i> : The Universe, Magnets, The Earth's Surface, <i>Oceanography</i> : Physical Features of Ocean, Waves, Ocean Life Cycles, <i>Archaeology</i> : The Work of an Archaeologist, Fossils, Geology	<i>Physical Science</i> : Matter, Energy, Motion, <i>Human Biology</i> : Body Systems, Reproduction, Genetics, <i>The Human Brain</i> , Robotics
SPECIAL PROGRAMS	Art, Music, Library, Spanish, PE: Big Gym, Creative Movement and Wellness	Art, Music, Drama, Library, Spanish, PE: Big Gym, Creative Movement and Wellness	Art, Music, Drama, Library, Spanish, PE: Big Gym, Creative Movement and Wellness	Art, Music, Drama, PE, Health, Library, Spanish	Art, Music, Drama, PE, Health, Library, Technology, Spanish, Project-Based Learning	Art, Music, Drama, PE, Health, Library, Technology, Spanish, Project-Based Learning	Art, Music, Drama, PE, Health, Library, Technology, Spanish, Project-Based Learning