

Curriculum Guide

Mission Statement

At The Chestnut Hill School, our mission to educate children is deeply rooted in a commitment to academic excellence, diversity, and community.

Through a thoughtfully balanced program that nurtures the whole child, we engage, challenge, and support children as they develop the skills and confidence to achieve educational success. As we intentionally build a diverse school community, we value, respect, and educate ourselves about its resulting gifts and complexities. We foster the growth of our students as responsible, contributing community members who stand up for their beliefs, express their thoughts, and care about the rights and feelings of others.

Statement of Educational Philosophy

The Chestnut Hill School educates students in a diverse, inclusive, and nurturing community where learning is infused with meaning, purpose, and joy. We offer a rigorous, multi-dimensional curriculum that develops the whole child and provides a range of opportunities for students to engage in active learning. We believe students do their best both when they feel a sense of belonging and when they develop close personal relationships with adults and peers. We recognize the importance of family involvement in a child's education and value a cooperative home-school partnership. In pursuing academic excellence, we support the growth of competent, caring, well-rounded students who:

- think critically, creatively, and conceptually
- exhibit curiosity, show initiative, and embrace challenge
- master skills and apply them in context
- take risks and have the courage to make mistakes
- show flexibility and perseverance in problem-solving
- communicate clearly and effectively in a variety of ways
- cooperate and collaborate within and beyond the classroom
- assume responsibility for their own learning and behavior
- demonstrate self-awareness, self-confidence, and resilience
- seek, appreciate, and integrate multiple perspectives
- express kindness and empathy toward others
- display leadership qualities and act as respectful citizens
- advocate for equity and serve as culturally-competent allies



	LANGUAGE ARTS: READING		LANGUAGE ARTS: WRITING	
PROGRAM OVERVIEW	<ul style="list-style-type: none"> Literature Exposure and Appreciation Reading Mechanics Comprehension Strategies 	<ul style="list-style-type: none"> Vocabulary Development Oral and Silent Reading Independent Reading 	<ul style="list-style-type: none"> Writing Process Creative, Expository, and Journal Writing Grammar and Mechanics 	<ul style="list-style-type: none"> Spelling and Vocabulary Handwriting Media Integration
BEGINNERS	<ul style="list-style-type: none"> Literature: fiction and non-fiction Exposure to a print-rich environment Daily teacher read-aloud; daily independent “book look” Weekly shared reading with fourth grade Learning Partners Reading readiness skills; phonemic awareness; exposure to alphabet Listening comprehension; interpretation of illustrations; prediction of actions in stories Development of language skills; building spoken vocabulary 		<ul style="list-style-type: none"> Listening and speaking Self-expression Story telling Creative drama Songs and fingerplays Fine motor development Writing own name Recognizing and forming upper case letters 	
PRE-K	<ul style="list-style-type: none"> Literature: fiction and non-fiction Exposure to a print-rich environment Daily teacher read-aloud; daily independent “book look” Weekly shared reading with fifth grade Learning Partners Reading readiness skills; phonemic awareness; identification of upper case letters/exposure to lower case letters Beginning letter/sound associations (consonants) Listening comprehension; basic story form; retelling stories Development of language skills; building spoken vocabulary 		<ul style="list-style-type: none"> Language development Poetry and early rhyming Songs Self-expression Dictation of stories Fine motor development Letter formation: upper case Writing own name Introduction to journal writing 	
KINDERGARTEN	<ul style="list-style-type: none"> Recognizing both upper and lower case letters Phonological awareness activities Letter/sound associations: consonants and short vowels Literacy centers; introduction to reading groups Weekly shared reading with sixth grade Learning Partners Introduction to narrative structure: setting, characters, sequence of events Fiction, non-fiction, phonetically controlled readers 		<ul style="list-style-type: none"> Develop speaking and listening skills Writing and illustrations Developmental spelling skills Letter formation: upper and lower case Journal writing Punctuation and capitalization Introduction to parts of a sentence 	
GRADE 1	<ul style="list-style-type: none"> Phonetic readers, trade books, fiction, and non-fiction articles Literature-based reading groups; literacy centers Sound/symbol association Sight word development Multiple decoding strategies Fluency and expression Comprehension: literal and beginning inferential Vocabulary development across content areas Daily teacher “read-alouds” 		<ul style="list-style-type: none"> Writing Workshop: process writing, personal narrative, stories, and non-fiction writing Grammar/Mechanics (Framing Your Thoughts): sentence structure, subject, predicate, some predicate expanders, end punctuation, capitalization 	<ul style="list-style-type: none"> Conventional and phonetic spelling: high frequency words, phonetic concepts and patterns Personal dictionaries Handwriting skills: manuscript upper and lower case Speaking/listening skills Journal writing
GRADE 2	<ul style="list-style-type: none"> Literature-based reading groups Review and build upon multiple decoding strategies Increased sight word recognition Reading Comprehension: literal and inferential Fluency, clarity, and expression Vocabulary development Understanding story elements: plot, setting, character Read alouds Independent reading 		<ul style="list-style-type: none"> Writing Process: planning, writing, revising, editing, publishing Writing Workshop: writers’ notebook, personal narrative, creative writing, biography, letters, poetry, persuasive paragraph Journal writing Daily Oral Language: capitalization, punctuation, spelling Framing Your Thoughts: sentence structure, subject, predicate, predicate expanders Transitioning to conventional spelling: high frequency words; phonetic patterns; syllable types; word wall Manuscript review; cursive, upper and lower case 	
GRADE 3	<ul style="list-style-type: none"> Literary genres: poetry; non-fiction; realistic and historical fiction; folktales, fairy tales, and myths; biographies; mysteries Literature groups, book discussions, literature response, read alouds Decoding Skills: phonemic awareness, spelling patterns, syllables Oral fluency: accuracy, pace, expression Comprehension Strategies: visualize, predict/infer, summarize Fiction and non-fiction text features Vocabulary: context clues, dictionary skills, Classical Roots Independent Reading: application of reading strategies, varied genres 		<ul style="list-style-type: none"> Writing Workshop: writing process, narrative and expository writing, poetry Mechanics: capitalization, end punctuation, use of commas Grammar (Framing Your Thoughts): building increasingly complex sentences; predicate expanders; subject describers; subject/predicate agreement 	<ul style="list-style-type: none"> Phonetic and spelling patterns; root words, prefixes, suffixes Introduction to multi-paragraph organization EmPOWER and 6+1 Traits: Ideas, Organization, Word Choice, Sentence Fluency, Voice, Conventions Cursive handwriting: review of lower and upper case letters
GRADE 4	<ul style="list-style-type: none"> Literary genres: realistic fiction, fantasy/science fiction, biographies, mystery, historical fiction, informational Word attack skills; fluency; expression; self-correcting Comprehension strategies: predict and infer, connect, monitor and clarify, question, summarize, evaluate Analyzing fiction: story elements, foreshadowing, themes, author’s intent 	<ul style="list-style-type: none"> Analyzing nonfiction: table of contents, headers, glossary Vocabulary in context and in content areas; Classical Roots: Greek and Latin roots, prefixes and suffixes Independent Reading: application of reading strategies, varied genres, individualized goals 	<ul style="list-style-type: none"> Descriptive, expository, personal narratives, letter writing, journals, poetry Grammar: nouns, verbs, pronouns, adjectives, adverbs, prepositional phrases Mechanics of writing: capitalization, punctuation, sentence and paragraph structure, editing and revising skills EmPOWER and 6 + 1 Traits: Ideas, Organization, Word Choice, Sentence Fluency, Voice, Conventions Vocabulary: spelling and vocabulary development; Vocabulary from Classic Roots, vocabulary from literature 	
GRADE 5	<ul style="list-style-type: none"> Literary genres: realistic fiction, fantasy fiction, poetry Comprehension strategies: predict and infer, connect, monitor and clarify, question, summarize, evaluate Analyzing fiction: story elements, foreshadowing, themes, author’s intent Analyzing nonfiction: table of contents, headers, glossary 	<ul style="list-style-type: none"> Analyzing poetry: stanzas, rhyme scheme, word choice Vocabulary in context and in content areas; Classical Roots: Greek and Latin roots, prefixes and suffixes Independent Reading: application of reading strategies, varied genres, individualized goals 	<ul style="list-style-type: none"> Expository, narrative, journalism, research report, poetry Grammar: nouns, verbs, pronouns, adjectives, adverbs, prepositional phrases Mechanics of writing: capitalization, punctuation, word usage, sentence structure EmPOWER and 6 + 1 Traits: Ideas, Organization, Word Choice, Sentence Fluency, Voice, Conventions Vocabulary: spelling and introduction to word derivations; Vocabulary from Classic Roots, vocabulary from literature 	
GRADE 6	<ul style="list-style-type: none"> Literary genres: historical fiction, poetry, non-fiction Application of reading strategies Literary analysis: story form, figurative language, author’s intent Narrative/expository comprehension: literal, inferential and applied Vocabulary development: root words, context clues, dictionary use Shared reading: reading aloud, reading responses in discussion and writing Independent Reading: application of reading strategies, varied genres, individualized goals 		<ul style="list-style-type: none"> Expository and creative writing: five-paragraph essay, research paper, narrative, poetry, speeches Grammar: parts of speech, sentence structure EmPOWER and 6+1 Traits: Ideas, Organization, Word Choice, Sentence Fluency, Voice, Conventions Vocabulary: introduction to word derivations, vocabulary from literature 	<p>LATIN</p> <ul style="list-style-type: none"> 1st and 2nd declension nouns Subject/verb agreement Adjective formation Prepositions; direct objects Present tense of regular verbs Predicate: nominative/accusative Expressions of place; forming questions

MATHEMATICS		SOCIAL STUDIES		PROGRAM OVERVIEW
<ul style="list-style-type: none"> • Number and Operations • Algebraic Thinking • Geometry • Measuring • Data Analysis 	<ul style="list-style-type: none"> • Problem Solving • Communication • Mental Math • Model Drawing 	<ul style="list-style-type: none"> • Geography and Mapping • History and Culture • Government and Economics • Social and Cultural Competence 	<ul style="list-style-type: none"> • Open Circle/Leadership • Community Service 	
<ul style="list-style-type: none"> • Foundational number sense • Counting with one-to-one correspondence to 10 • Recognizing, ordering, and representing numbers to 5 • Basic shape and color recognition • Comparing quantity, length, weight • Sorting and classifying by one attribute • Recognizing and extending patterns • Exposure to simple graphs • Calendar awareness 		<ul style="list-style-type: none"> • Theme: Me and My Family • Focus Questions: What makes a family? Who is in my family? How are families similar and different? • Units of Study: Family Portraits; Giving Thanks; Holidays; Families Around the World; Animal Families • Social and Cultural Competencies: being part of a classroom community; understanding feeling words; recognizing similarities and differences in ourselves and our families 		BEGINNERS
<ul style="list-style-type: none"> • Foundational number sense • Counting with one-to-one correspondence to 15 • Recognizing, ordering, and representing numbers 1-15 • Numeral formation 1-10 • Comparing quantity, length, weight, capacity • Exploring changes in quantity 	<ul style="list-style-type: none"> • Sorting and classifying by multiple attributes • Creating and extending patterns • Non-standard measurement • Interpreting simple graphs • Recognizing and describing flat and solid shapes • Calendar and time awareness 	<ul style="list-style-type: none"> • Theme: Me and My Community • Focus Questions: What makes a community? What do people contribute to a community? How can I contribute to my community? • Units of Study: Me and My Family; Community Helpers; Authors Around Us; Our Solar System • Social and Cultural Competencies: understanding verbal and nonverbal signals; learning how to be calm; recognizing differences and similarities in ourselves and others 		PRE-K
<ul style="list-style-type: none"> • Math in Focus: Singapore Math • Numbers to 30 • Counting by 2s, 5s, and 10s • Addition & subtraction stories • Comparing sets • Ordinal numbers • Classifying and sorting • Size and position 	<ul style="list-style-type: none"> • Order by length and weight • Solid and flat geometric shapes • Calendar concepts • Money: identify coin value 	<ul style="list-style-type: none"> • Theme: My Neighborhood, City, and State • Focus Questions: What do I know about my neighborhood? What do we know about the city of Boston? What do we know about the state of Massachusetts? • Units of Study: Geography and Mapping; Neighborhoods; Present Day Boston; Present Day Massachusetts • Social and Cultural Competencies: exhibiting good listening skills; including others in games and activities; recognizing differences and similarities between people; cooperating with peers and teachers 		KINDERGARTEN
<ul style="list-style-type: none"> • Math in Focus: Singapore Math • Numbers to 100 • Adding/subtracting to 100 • Ordinal numbers and positions • Shapes and patterns • Picture and bar graphs • Mental math strategies; number bonding 	<ul style="list-style-type: none"> • Length and weight • Calendar concepts • Telling time on hour and half-hour • Money: identify coin value, make coin combinations 	<ul style="list-style-type: none"> • Theme: Habitats • Focus Questions: What are similarities and differences between habitats? How does habitat influence the way people live? How do people adapt to different environments? • Units of Study: Geography and Mapping; North American Habitats; Indigenous Peoples of North America; The Iditarod • Social and Cultural Competencies: appreciating the perspectives of others; exhibiting good listening skills; recognizing differences and similarities between people; applying strategies to solve problems 		GRADE 1
<ul style="list-style-type: none"> • Math in Focus: Singapore Math • Numbers to 1,000 • Addition and subtraction to 1,000 • Using bar models: addition and subtraction • Multiply and divide with 2, 3, 5, and 10 • Fractions: halves, thirds, and fourths • Picture graphs 	<ul style="list-style-type: none"> • Mental math and estimation • Length, mass, volume • Lines and surfaces • Shapes and patterns • Telling time in 5 minute intervals • Money: coin and bill identification and combinations 	<ul style="list-style-type: none"> • Theme: Culture • Focus Questions: What is culture? What is the relationship between culture and environment? How does culture change over time? • Units of Study: Geography and Mapping; South America (Brazil and Argentina); China • Social and Cultural Competencies: utilizing strategies for personal problem solving; developing a sense of pride in one's identity; identifying similarities and differences in cultures 		GRADE 2
<ul style="list-style-type: none"> • Math in Focus: Singapore Math • Numbers to 10,000 • Addition and subtraction to 10,000 • Using bar models: all operations • Multiply and divide with 6, 7, 8, and 9 • Add and subtract like fractions • Mental math and estimation 	<ul style="list-style-type: none"> • Length, weight, mass, and volume, and temperature • Angles, lines and perimeter • Two-dimensional shapes • Bar graphs and line plots • Elapsed time • Adding and subtracting money 	<ul style="list-style-type: none"> • Theme: Ideas • Focus Questions: What ideas from ancient cultures do we still see today? Have people been treated equally over time? What were the beginnings of Democracy? • Units of Study: Ancient Egypt; Ancient Greece; Ancient Rome; The Civil Rights Movement • Social and Cultural Competencies: recognizing intent and impact; understanding a leader's role in problem solving; comparing and contrasting similarities and differences among cultures 		GRADE 3
<ul style="list-style-type: none"> • Math in Focus: Singapore Math • Numbers to 100,000 • Estimation and number theory • Whole numbers: multiplication and division • Tables and line graphs • Data and Probability • Fractions and mixed numbers: addition and subtraction 	<ul style="list-style-type: none"> • Decimals: addition and subtraction • Measuring and identifying angles • Perpendicular and parallel lines • Properties of squares and rectangles • Area and perimeter • Symmetry and tessellations 	<ul style="list-style-type: none"> • Theme: Change • Focus Questions: How does the past influence the present? How does change come about? Who holds political and social power? • Units of Study: Medieval Europe (High Middle Ages); European Renaissance; European Art and Artists • Social and Cultural Competencies: thinking from multiple perspectives; recognizing discrimination and stereotypes; becoming a responsible bystander 		GRADE 4
<ul style="list-style-type: none"> • Math in Focus: Singapore Math • Numbers to 10,000,000 • Estimation and number theory • Whole number multiplication and division • Tables and line graphs • Fractions and mixed numbers: addition, subtraction, multiplication and division 	<ul style="list-style-type: none"> • Decimals: addition, subtraction, multiplication and division • Properties of triangles, prisms, pyramids, spheres and cylinders • Area and perimeter • Volume, capacity and surface area • Algebraic expressions 	<ul style="list-style-type: none"> • Theme: Revolution • Focus Questions: How can people affect change? What does it mean to be a leader? Who holds political and social power? • Units of Study: Early Exploration of Present Day United States of America; European Colonization of America; Colonies Moving Toward Independence • Social and Cultural Competencies: exploring one's own leadership qualities; identifying stereotypes and injustices; developing skills to advocate for equity 		GRADE 5
<ul style="list-style-type: none"> • Math in Focus: Singapore Math • Positive and negative integers • Rational numbers • Roots and exponents • Multiplying & dividing fractions and decimals • Ratios, rates, and percents • Algebraic expressions 	<ul style="list-style-type: none"> • Equations and inequalities • The coordinate plane • Introduction to statistics • Area of polygons • Circumference and area of circles • Volume and surface area 	<ul style="list-style-type: none"> • Theme: Activism • Focus Questions: How have different groups been marginalized? What are different forms of resistance? How can political and social power shift? • Units of Study: Agrarian Communities; Industrialization; The Civil War; Nobel Peace Prize Laureates • Social and Cultural Competencies: acting as a leader in our community; exercising greater independence and responsibility; challenging stereotypes and advocating for equity 		GRADE 6

	SCIENCE	ART
PROGRAM OVERVIEW	<ul style="list-style-type: none"> • Problem-Solving • Understanding Concepts • Experimenting • Observing and Recording • Classifying and Comparing 	<ul style="list-style-type: none"> • Communicating Clearly • Formulating and Testing Hypotheses • Collecting and Analyzing Data • Working Cooperatively
BEGINNERS	<ul style="list-style-type: none"> • Joyful exploration of the environment • Growing plants • Seasonal changes, weather • Growing bodies; developing awareness of nutrition, bones, and internal organs • Observing living creatures and their habitats 	<ul style="list-style-type: none"> • Develop self-expression • Develop fine and gross motor skills • Foster creativity • Experiment with a variety of media and textures through cutting, pasting, coloring, drawing, painting, sculpture, collage, clay, playdough
PRE-K	<ul style="list-style-type: none"> • Joyful exploration of the environment • Growing plants • Seasonal changes, weather • Growing bodies; developing awareness of nutrition, bones, and internal organs • Observing living creatures and their habitats • Classification of objects by attribute 	<ul style="list-style-type: none"> • Develop self-expression • Develop fine and gross motor skills • Foster creativity • Experiment with a variety of media and textures through cutting, pasting, coloring, drawing, painting, sculpture, collage, clay, playdough
KINDERGARTEN	<ul style="list-style-type: none"> • Cycles in nature • Change and growth • Plants and animals • The human body • Exploring the environment • Topics of interest to the class • Classification of objects by attribute 	<ul style="list-style-type: none"> • Develop self-expression • Develop fine and gross motor skills • Foster creativity • Experiment with a variety of media and textures through cutting, pasting, coloring, drawing, painting, sculpture, collage, clay, playdough • Explore choice-based art stations • Reflect on own and others' artwork
GRADE 1	<ul style="list-style-type: none"> • Developing the skills of a scientist • Gathering and recording scientific observations • Observing living creatures • Growing plants • Animal skeletons and adaptations • Solids and liquids • Cause and effect • Measurement • Classification of objects by attribute 	<ul style="list-style-type: none"> • Introduction to basic drawing skills • Elements of design • The color wheel: warm/cool colors • Painting, sculpture, ceramics, collage • Fiber arts
GRADE 2	<ul style="list-style-type: none"> • Tree and plant life cycles; seasons of maple and pine trees • The earth's crust: rocks and minerals • Magnetism: properties of magnets • Inventors around the world • Inventors past and present • Practice with metric measurement tools 	<ul style="list-style-type: none"> • Introduction of sketchbook practice • Painting: exploration of the color wheel and color mixing to create tints and shades • Clay: slab rolling techniques • Drawing: planning, patterns, and proportions • Collage: mixed media project to engage with river theme • Fiber Arts: introduction of basic knitting techniques • Art history and analysis: discussions, project, and field trip to connect with study of Brazilian and Chinese artifacts and cultures
GRADE 3	<ul style="list-style-type: none"> • Season changes in weather and the water cycle • Paleontology: the earth inside and out; fossil formation; animals alive during the dinosaur era • Life in and around the earth's oceans: animal adaptations • Electricity and simple circuits • Seed germination; plant growth and development 	<ul style="list-style-type: none"> • Continuation of sketchbook practice • Drawing: focus on technical drawing through use of appropriate tools and strategies • Painting: watercolor washes, complimentary colors, and decorative processes on fabric • Sculpture: modeling and construction techniques with clay, plaster, cloth, and gauze • Clay: pinching and coiling techniques • Fiber arts: basic and sculptural sewing • Art history and analysis: connections to Egyptian unit by way of sculptural portraits, mummy project, and hieroglyphics painting
GRADE 4	<ul style="list-style-type: none"> • Butterflies: life cycle and monarch butterfly migration • Owl pellet dissection and analysis • Human body: structure and function of the skeletal and muscular systems • Analysis of variables through study of catapults and pendulums • Forces and motion: gravity; friction; and relationship among mass, force, and distance 	<ul style="list-style-type: none"> • All previous class content with the addition of: • Continuation of sketchbook practice • Painting: observational and decorative watercolor techniques • Calligraphy and Book Arts: introduction of and experimentation with typography and bookmaking • Drawing: still life, landscape, and one point perspective
GRADE 5	<ul style="list-style-type: none"> • Microscopes: properties of sand • Biomes: comparison/contrast study; animal adaptations • Human body: the circulatory system • Human body: the respiratory system • Human body: the reproductive system • Circuits and pathways: electric currents; series and parallel circuits; properties of electricity 	<ul style="list-style-type: none"> • All previous class content with the addition of: • Continuation of sketchbook practice • Painting: contour and blind contour studies with emphasis on figure drawing and portraiture • Design: positive/negative space and abstraction • Clay: sculptural techniques and self-portrait busts
GRADE 6	<ul style="list-style-type: none"> • Measurement: mass, volume, density • Chemistry: physical and chemical properties of substances; acids and bases; mixtures and solutions • Nutrition: the science of food, making healthy choices • Building bridges: structures and forces; tension and compression; live and dead loads 	<ul style="list-style-type: none"> • All previous class content with the addition of: • Continuation of sketchbook practice: ideation, planning, and drafting • Planning and execution of collaborative art show • Set design and prop creation • Painting: explore different styles of painting; impressionistic portrait • Photography: photographic portraits

BUILDING & ENGINEERING	MUSIC/VIOLIN	PROGRAM OVERVIEW
<ul style="list-style-type: none"> • Creativity and Problem-Solving • Design Plan and Execution • Programming/Robotics • Simple Machines 	<ul style="list-style-type: none"> • Develop Appreciation and Enjoyment of Singing • Develop Rhythm and Pitch through Orff Instruments • Develop Appreciation of the Diversity of World Music 	<ul style="list-style-type: none"> • Study Styles & Forms of Music • Perform in School Concerts • Cross-curricular Integration • K-1 Violin Instruction
<ul style="list-style-type: none"> • Transportation: Cars, Boats and Planes • Animals that Build • Exposure to a wide variety of building materials • Developing fine motor skills • Exploring the properties of physical materials • Introduction to working safely in the shop environment 	<ul style="list-style-type: none"> • Unison songs, chants, and calls • Introduction to percussive instruments to reinforce steady beat and rhythm • Introduction to musical scale to reinforce concept of pitch • Circle games and improvised movement and dance • Introduction to music appreciation through use of recorded materials • Inclusion of musical storybooks 	BEGINNERS
<ul style="list-style-type: none"> • Outer Space • Introduction to simple robotics • Experimenting with the fundamentals of rocketry • Developing fine motor skills • Exploring the properties of physical materials • Identifying the names of tools, their location and function 	<ul style="list-style-type: none"> • Unison songs, chants, and calls • Introduction to percussive instruments to reinforce steady beat and rhythm • Introduction to musical scale to reinforce concept of pitch • Circle games and improvised movement and dance • Introduction to music appreciation through use of recorded materials • Inclusion of musical storybooks 	PRE-K
<ul style="list-style-type: none"> • Exposure to concepts and vocabulary related to architecture • Practicing programming robots to complete challenges • Developing fine motor skills • Exploring the properties of physical materials • Practice with the safe use of basic tools 	<ul style="list-style-type: none"> • Unison songs, chants, and calls • Introduction to percussive instruments to reinforce steady beat and rhythm • Introduction to musical scale to reinforce concept of pitch • Circle games and improvised movement and dance • Introduction to music appreciation through use of recorded materials • Inclusion of musical storybooks • Group instruction in violin 	KINDERGARTEN
<ul style="list-style-type: none"> • Introduction to simple machines: levers, pulleys, and gears • Making connections to social studies curriculum and craft traditions of world cultures • Developing fine motor skills • Introduction to measuring • Practice safe use of hand tools to build a toolbox 	<ul style="list-style-type: none"> • Introduction of partner songs and understanding of proper singing posture and breathing • Sequential understanding of basic notation • Sequential mastery of Orff instruments plus additional instruments from around the world • Continuing music appreciation • Introduction to circle and line dances • Improvised movement and dance • Group instruction in violin 	GRADE 1
<ul style="list-style-type: none"> • Introduction to science concepts related to Pine Car Derby including: speed, friction and aerodynamics • Robotic construction and programming with LEGO materials • Making predictions and recording data • Make connections to social studies curriculum by programming robots to navigate a map • Emphasis on the safe and increasingly independent use of the shop environment 	<ul style="list-style-type: none"> • Partner songs and development of proper singing posture, breathing, and pitch • Sequential understanding of basic notation • Sequential mastery of Orff instruments plus additional instruments from around the world • Continued music appreciation • Continued exposure to circle and line dances • Improvised movement and dance 	GRADE 2
<ul style="list-style-type: none"> • Cultivating problem solving using Legos to solve a design challenge • Use of 3D printer to make connections to Social Studies curriculum • Motorized robotic construction and programming with LEGO materials • Fostering skills necessary to build from a plan • Emphasis on the safe and increasingly independent use of the shop to build a wooden seat 	<ul style="list-style-type: none"> • Introduction to soprano recorder • Partner songs and development of proper singing posture, breathing, and pitch • Sequential understanding of basic notation • Sequential mastery of Orff instruments plus additional instruments from around the world • Continued music appreciation • Improvised movement and dance • Introduction to rounds • Introduction to music technology 	GRADE 3
<ul style="list-style-type: none"> • The Renaissance and inventions of Leonardo De Vinci • Biomimicry and design inspired by nature • Basic electronics and building circuits • Building a simple electric motor • Emphasis on the safe and increasingly independent use of the shop environment 	<ul style="list-style-type: none"> • Introduction of two part harmony • Continued focus on proper singing posture, breathing, and pitch matching • Introduction to sight-singing on scale degrees • Continued study of a diverse repertoire of music including folk, pop, classical, and musical theater • Continued study of Orff instruments, including soprano recorder • Introduction to instrumental improvisation • Continued study of sight-reading 	GRADE 4
<ul style="list-style-type: none"> • Complex building and programming challenges with Lego NXT • Making connections to Spanish curriculum and craft traditions of world cultures • Demonstrate understanding of the 3-D modeling process • Emphasis on the safe and increasingly independent use of the shop environment 	<ul style="list-style-type: none"> • Continued development of choral singing skills exploring additional two and three part harmony • Continued focus on proper singing posture, breathing, and pitch matching • Continued sight-singing including major and minor modes • Continued study of a diverse repertoire of music including folk, pop, classical and musical theater 	GRADE 5
<ul style="list-style-type: none"> • Introduction to solar and wind energy in conjunction with Lego NXT • Green community service project • Making connections to Spanish curriculum and craft traditions of world cultures • Emphasis on the safe and increasingly independent use of the shop environment 	<ul style="list-style-type: none"> • Continued development of choral singing skills exploring additional two and three part harmony • Continued focus on proper singing posture, breathing, and pitch matching • Continued sight-singing including more challenging melodic leaps and 16th note time division 	GRADE 6

	PHYSICAL EDUCATION/ATHLETICS		SPANISH
PROGRAM OVERVIEW	<ul style="list-style-type: none"> • Developmentally Appropriate Tasks and Challenges • Increase Physical Coordination, Fitness Level, and Sports Skills • Build Positive Attitude Toward 	<p>Physical Activity</p> <ul style="list-style-type: none"> • Enhance Teamwork, Risk-Taking, and Leadership Skills • Upper School Interscholastic Athletics 	<ul style="list-style-type: none"> • Fluency in Listening, Speaking, Reading, and Writing • Exploring and Understanding Cultures of Spanish-Speaking Countries <ul style="list-style-type: none"> • Cross-Grade Level Units with Increasing Complexity • Classes Taught in Spanish • Integration of Art, Music, and Technology
BEGINNERS	<ul style="list-style-type: none"> • Body and spatial awareness • Locomotive skills: jumping, leaping, galloping, skipping • Manipulative skills: catching, kicking, striking • Creative gymnastic skills: balancing, rolling • Cooperative challenges and games • Rhythmic and creative movements 		<ul style="list-style-type: none"> • Greetings • Familiarization with basic themes (colors, parts of the body, numbers, etc.) • Development of listening skills • Response to simple questions and commands • Singing and producing simple sentences • Reading visual symbols in Spanish • Integration of art, music, and technology • Cultural awareness of the Spanish-speaking world
PRE-K	<ul style="list-style-type: none"> • Body and spatial awareness • Locomotive skills: jumping, leaping, galloping, skipping • Manipulative skills: catching, kicking, striking • Creative gymnastic skills: balancing, rolling • Cooperative challenges and games • Rhythmic and creative movements 		<ul style="list-style-type: none"> • Greetings • Familiarization with basic themes (colors, parts of the body, numbers, animals, etc.) • Development of listening skills • Response to simple questions and commands • Building upon previous vocabulary; singing and producing increasingly complex sentences • Integration of art, music, and technology • Cultural awareness of the Spanish-speaking world
KINDERGARTEN	<ul style="list-style-type: none"> • Locomotive skills: dodging, chasing, fleeing, hopping • Manipulative skills: catching, throwing, volleying, dribbling, striking • Creative gymnastic skills: transferring weight, jumping, landing • Cooperative challenges and games • Rhythmic and creative movements 		<p>All previous class content with the addition of:</p> <ul style="list-style-type: none"> • Offering and responding to greetings • Following simple instructions in Spanish • Integration of art, music, and technology • Developing oral skills and speaking ability • Cultural games, songs, and activities • Introduction of new themes • Using visuals to build vocabulary and intuitive grammar structures • Introduction of holidays in Spanish-speaking countries
GRADE 1	<ul style="list-style-type: none"> • Locomotive skills: dodging, chasing, fleeing, hopping • Manipulative skills: catching, throwing, volleying, dribbling, striking • Creative gymnastic skills: transferring weight, jumping, landing • Cooperative challenges, sports, and games • Rhythmic and creative movements 		<p>All previous class content with the addition of:</p> <ul style="list-style-type: none"> • Further exposure to calendar and time concepts • New themes • Introduction of Spanish phonemic sounds; rhyming • Following directions and commands • Using visuals to build vocabulary and intuitive grammar structures • Enhanced oral communication • Continued exposure to Spanish-speaking cultures • Integration of art, music, and technology
GRADE 2	<ul style="list-style-type: none"> • Increased social skill and fitness development through individual, partner, group, and team tasks • Manipulative and locomotive skills are combined in modified sports games • Instruction in soccer, basketball, and floor hockey • Cooperative and competitive challenges, sports, games, team building • Rhythmic and creative movements 		<p>All previous class content with the addition of:</p> <ul style="list-style-type: none"> • Enhanced oral communication • Spanish phonemic sounds; Spanish alphabet; sounding out simple words • Introduction to written Spanish • Following commands • Acting out simple poems and dialogues • Using visuals to build vocabulary and intuitive grammar structures • Study of Spanish-speaking cultures • Integration of art, music, and technology
GRADE 3	<ul style="list-style-type: none"> • Increased social skill and fitness development through individual, partner, group, and team tasks • Manipulative and locomotive skills are combined in modified sports games • Instruction in soccer, basketball, volleyball, floor and field hockey, baseball, badminton, lacrosse and speed ball • Gymnastics • Stretching and yoga • Cooperative and competitive challenges, sports, games, team building • Rhythmic and creative movements 		<p>All previous class content with the addition of:</p> <ul style="list-style-type: none"> • Using vocabulary and intuitive grammar structures to enhance communication • Review of Spanish phonemic sounds and letters • Ask and answer questions; make and respond to requests • Cultural activities: games, songs, stories, traditions • Begin to write paragraphs and simple stories • Abstraction of simple visual cues to express more complex ideas • Develop a bilingual rhyming story • Integration of multimedia
GRADE 4	<ul style="list-style-type: none"> • Increased repertoire of fitness oriented exercises and games • Instant games and drills providing critical thinking and aerobic conditioning • Fair play and teamwork fostered through small group cooperative and sport games • Physical and sport skill acquisition during team sport units/seasons: Soccer, Basketball, Baseball/Softball • Confidence building through increasingly competitive tasks and interscholastic athletic participation 		<p>All previous class content with the addition of:</p> <ul style="list-style-type: none"> • Increased integration of vocabulary and intuitive grammar structures to enhance communication • Read, listen to, and interpret simple stories and poems • Continue building knowledge of Spanish-speaking cultures • Grammar rules: conjugation of present tense, definite and indefinite articles • Observe authentic Spanish art and use language to express emotion • Study of Medieval Spain • Integration of multimedia
GRADE 5	<ul style="list-style-type: none"> • Aerobic and anaerobic conditioning through fitness tasks, team challenges, and active play. • Muscle identification, uses, and conditioning • Group dynamic warm-ups and drills providing opportunities for leadership and personal growth • Enhanced positional awareness and skill technique • Increased athletic skill application through interscholastic athletics: Soccer, Basketball, Baseball/Softball • Peer connections/team spirit through school rallies, field day, and athletics' field trips 		<p>All previous class content with the addition of:</p> <ul style="list-style-type: none"> • Communication in target language becomes main focus • Increased integration of vocabulary and intuitive grammar structures to enhance communication • Application of formal Spanish grammar; conjugation of present tense (ar, er, ir), irregular verbs (ser, estar, tener) • Increased written and oral output: short presentations/essays • Intensive research project: ancient and modern Latin American cultures • Two-day immersion program
GRADE 6	<ul style="list-style-type: none"> • Aerobic and anaerobic conditioning through fitness tasks, team challenges, and active play. • Muscle identification, uses, and conditioning • Group dynamic warm-ups and drills providing opportunities for leadership and personal growth 	<ul style="list-style-type: none"> • Enhanced positional awareness and skill technique • Increased athletic skill application through interscholastic athletics: Soccer, Basketball, Baseball/Softball • Peer connections/team spirit through school rallies, field day, and athletics' field trips 	<p>All previous class content with the addition of:</p> <ul style="list-style-type: none"> • Communication in target language • Increased integration of vocabulary • Review of present tense, regular and irregular verbs, reflexive verbs, introduction to past tense and simple future, conditional tense • Increased written and oral output • Study of Spanish-speaking immigrants in U.S. • Writing a children's short story book • Integration of multimedia

TECHNOLOGY	LIBRARY		PROGRAM OVERVIEW
<ul style="list-style-type: none"> • Technology Literacy • Digital Citizenship • Internet Integration • Keyboarding • Word Processing 	<ul style="list-style-type: none"> • Programming • Multimedia Application • Spreadsheet Application • Database Development 	<ul style="list-style-type: none"> • Literature Appreciation • Information Literacy Skills • Life-long Learning 	PROGRAM OVERVIEW
<ul style="list-style-type: none"> • Exposure to input devices: touch screen • Introduction to various curriculum enhancing software particularly tools fostering creativity • Treating technology tools with care 	<ul style="list-style-type: none"> • Develop a love of literature • Develop listening skills • Treat books with care • Find excitement in discovering information 		BEGINNERS
<ul style="list-style-type: none"> • Introduction to input devices: keyboard and mouse, touch screen • Introduction to various curriculum enhancing software particularly tools fostering creativity and skill building • Treating technology tools with care 	<ul style="list-style-type: none"> • Develop a love of literature • Develop listening skills • Treat books with care • Find excitement in discovering information 		PRE-K
<ul style="list-style-type: none"> • Developing comfort and facility navigating a screen environment • Use of curriculum enhancing software in multiple curriculum areas to foster creativity and skill building • Introduction to word processing skills • Introduction to multimedia tools • Treating technology tools with care 	<ul style="list-style-type: none"> • Define Author/illustrator • Stories of family and communities • Nursery Rhymes • Develop personal taste in book choice • Participate in book hunts for certain authors and genres • Understand that libraries organize information • Develop listening skills • Demonstrate basic book care & responsible library behavior 		KINDERGARTEN
<ul style="list-style-type: none"> • Use of curriculum enhancing software in multiple curriculum areas to foster creativity and skill building • Demonstrating learning through technology in increasingly complex projects • Use of programming tools and application of problem solving • Development of word processing skills • Introduction to Google Apps for Education • Developing an awareness of digital citizenship 	<ul style="list-style-type: none"> • Discover how illustrators contribute to the telling of a story • Appreciate the range of Native American folklore • Recognize and choose picture books and easy reading • Recognize how culture and geography effect fairy tale elements • Atlas Skills 	<ul style="list-style-type: none"> • Identify and alphabetizing of Call numbers • Compare/contrast story elements • Independently locate certain sections in the library • Know non-fiction is organized by topic • Develop an awareness of gender messages in books 	GRADE 1
<ul style="list-style-type: none"> • Use of curriculum enhancing software in multiple curriculum areas • Demonstrating learning through technology in increasingly complex projects • Use of programming tools and application of problem solving • Introduction to correct keyboarding form • Development of word processing/layout skills • Increased use of Google Apps for Education • Introduction to digital citizenship and online safety 	<ul style="list-style-type: none"> • Recognize a variety of genres from different ethnic and cultural heritages • Choose just right books • Visual literacy: read illustrations and photographs for information • Take notes from videos using listening, viewing, and inferring skills 	<ul style="list-style-type: none"> • Locate books using OPAC & Call numbers • Locate and use information related to classroom studies • Check out books independently • Use a windows and mirrors and a compare/contrast lens to help us synthesize, connect to, and use information 	GRADE 2
<ul style="list-style-type: none"> • Use of curriculum enhancing software in multiple curriculum areas • Demonstrating learning through technology in increasingly complex projects • Use of programming tools and application of problem solving • Continued development of correct keyboarding form • Increased use of Google Apps for Education • Introduction to database development • Participate in music technology unit • Continued focus on digital citizenship and online safety 	<ul style="list-style-type: none"> • Analyze & evaluate success of illustration techniques • Predict information in read-alouds • Tall tales and their techniques of exaggeration • Use knowledge of storytelling techniques to add their voice to oral history • Locate information by Dewey Decimal call number 	<ul style="list-style-type: none"> • Locate book to answer specific information questions • Locate information using non-fiction text features • Evaluate resource for its ability to answer specific information problem • Determine if information found meets information need • Understand that knowledge and culture is transmitted in multiple formats 	GRADE 3
<ul style="list-style-type: none"> • Use of curriculum enhancing software in multiple curriculum areas • Introduction to higher-level multimedia production • Creating and sharing a complex presentation using a variety of digital media • Use of programming tools and application of problem solving • Enhanced research using the internet • Increased word processing/layout skills • Increased use of Google Apps for Education • Continued focus on digital citizenship and online safety 	<ul style="list-style-type: none"> • Reading Newbery, Coretta Scott King and other award winning titles • Formulate subsidiary research questions for an essential research question • Develop keywords and synonyms to aid searching for specific information • Find information in provided on-line sources 	<ul style="list-style-type: none"> • Use keyword skills in note taking, skimming print, and online searching of information • Synthesis of information and document in note-taking strategies • Presentation of research • Whose stories are included or not in history 	GRADE 4
<ul style="list-style-type: none"> • Use of curriculum enhancing software in multiple curriculum areas • Demonstrating and extending learning through a variety of digital media • Use of programming tools and application of problem solving • Enhanced research using the internet • Increased word processing/layout skills • Increased use of Google Apps for Education • Continued focus on digital citizenship and online safety 	<ul style="list-style-type: none"> • Share love of literature through book reviews and recommendations • Choose a variety of genre books for pleasure • Develop curiosity for information and engage in inquiry based research • Cite sources 	<ul style="list-style-type: none"> • Evaluate a variety of resources for credibility, relevancy, authorship, bias, design and ease of location of information, and purpose • Distinguish between and use appropriate main ideas, facts and their supporting details • Use an organizational system such as graphic organizers or traditional outline to arrange information logically 	GRADE 5
<ul style="list-style-type: none"> • Use of curriculum enhancing software in multiple curriculum areas • Demonstrating and extending learning through a variety of digital media • Use of programming tools and application of problem solving • Enhanced research using the internet • Increased word processing/layout skills • Increased use of Google Apps for Education • Continued focus on digital citizenship and online safety 	<ul style="list-style-type: none"> • Think critically about the text/image and examine for non-fiction or literary devices • Practices safe and ethical behavior in personal electronic communication • Cycle and recycle fluently between all steps of the research process • Draw conclusions based on research • Synthesize information from primary documents 	<ul style="list-style-type: none"> • Maintain openness to different opinions whether in print or in group discussions • Demonstrate leadership and confidence by presenting ideas • Read, view and listen to information presented in multiple formats 	GRADE 6



The Chestnut Hill School

Educating. Engaging. Inspiring.

The Chestnut Hill School reaffirms its long-standing policy of non-discriminatory admission of students. The Chestnut Hill School admits students of any race, color, religion, gender, family structure, sexual orientation, or national and ethnic origin to all rights, privileges, programs and activities generally afforded or made available to students at the school. The school does not discriminate in violation of any law or statute in the administration of its educational policies, admission policies, financial aid programs, and athletic or other school-administered programs.

428 Hammond Street
Chestnut Hill, MA 02467

617-566-4394 www.tchs.org