

curriculum guide

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The Chestnut Hill School

1860 • 150 YEARS OF EXCELLENCE • 2010

Academic excellence

in a challenging and supportive environment...

THE CHESTNUT HILL SCHOOL provides its students with a strong foundation of learning skills in a teaching environment which fosters self-esteem and empowers them with enthusiasm and curiosity about discovering knowledge. Within an active community of students, faculty, and families, the school promotes respect between individuals and involvement with the larger community.

Through an interdisciplinary curriculum and a process-oriented approach to learning, the faculty encourages children to strive for excellence, to develop confidence in themselves and their abilities, and to realize their unique talents and creativity. Active exploration encompassing many voices and viewpoints allows children to experience the richness of many cultures and develop appreciation of a pluralistic world.

The school works in close partnership with families to ensure the warmth, diversity and academic excellence that are characteristic of the Chestnut Hill School community.

...is the mission of

The Chestnut Hill School

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.

subjects at CHS:

The concepts listed under each subject thread their way from the youngest grade to oldest; skills and content build from one year to the next.

● Language Arts: Reading

Literature Exposure/
Appreciation

Reading Mechanics

Comprehension Skills

Vocabulary Development

Oral and Silent Reading

Independent Reading

● Language Arts: Writing

Grammar, English Expression
and Punctuation

Creative, Expository and
Journal Writing

Research Skills

Spelling and Vocabulary

Handwriting

Media Integration

● Mathematics

Problem Solving

Number Sense

Math Concepts

Computation

Practical Application

Patterns and Relationships

Logic

● Science

Problem Solving

Understanding Concepts

Experimenting

Observing and Recording

Classifying and Comparing

Communicating Clearly

Formulating and Testing
Hypotheses

Collecting and Evaluating Data

Working Cooperatively

● Social Studies

History

Geography

Current Events

Citizenship and
Government

Economics

Social Competency

● Art

Developmentally
Appropriate Skills
and Concepts

Creative Self-Expression

Multicultural Art-
Oriented Experiences

Knowledge of Artists
and Art History

● Library

Reading Enjoyment

Comprehension and
Interpretation Skills

Information Skills

Media Literacy

Exposure to Literary Genre
Representing Many Cultures

● Music

Develop Singing
Appreciation and Enjoyment

Develop an Inner Sense
of Rhythm and Pitch

Develop an Appreciation
of the Diversity of Music
in our World

Maintain a Musical
Collaboration within
Homeroom Curricula

Study Styles and Forms
of Music

Perform in School Concerts

Exploration of Music
through Strings

● Physical Education

Developmentally
Appropriate Tasks
and Challenges

Increase Physical, Sport,
Game and Fitness Skills

Build Positive Feelings
towards Physical Activity

Enhance Individual,
Cooperative, Risk-Taking,
and Leadership Qualities

● Spanish

Fluency in Speaking,
Reading, Writing and
Listening to Spanish

Understanding of Cultures
and Geography and
Exploration of Customs of
Spanish-Speaking Countries

Cross Grade Level Units
with Increasing Complexity

Classes Taught in Target
Language

Integration of Art, Music
and Technology

● Technology

Keyboarding

Word Processing

Spreadsheet Application

Database Development

Internet Integration

Multimedia Applications

Technology Literacy

● Woodworking

Use of Proper Tools

Safe Use and Care
of Tools

Following Construction
Diagrams

Self-Confidence
and Creativity

beginners

● LANGUAGE ARTS: READING

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 reading 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

● LANGUAGE ARTS: WRITING

Listening and speaking

Self-expression

Story telling

Creative drama

Songs and finger-plays

Fine motor development

Writing own name

Recognizing and forming upper case letters

● MATHEMATICS

Counting numbers 0–10

One-to-one correspondence

Number recognition

Shape recognition

Size

Puzzles

Calendar awareness

Graphing and patterning

● SCIENCE

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

Large-scale, cross-curricular, Primary School Science Fair project

● SOCIAL STUDIES

Development of social skills

Development of self-awareness, learning to listen to others, learning to work in a group, learning to seek help when needed

Integrated literature

Introduction of goal-directed classroom units

Self/family

Community

International studies: travel around the world

Seasonal themes

Modified *Open Circle*

● ART

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, play-dough

● LIBRARY

Delight in story

Language enrichment

Listening, understanding and remembering

Interpreting the story through movement

Exposure to stories representing many cultures

Pre-reading skills: left-to-right, top-to-bottom progression

● MUSIC

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

● PHYSICAL EDUCATION

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

● SPANISH

Greetings

Familiarization with basic themes (colors, some body parts, numbers 1–20, etc.)

Development of listening skills

Response to simple questions and commands

Sing and produce simple vocabulary

Develop a taste for the language

Integration with Art and Music

● LANGUAGE ARTS: READING

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 reading 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

● LANGUAGE ARTS: WRITING

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

Creative drama

● MATHEMATICS

Counting numbers 0–20

One-to-one correspondence

Number recognition

Numeral formation 0–10

Measurement

Graphing

Introduction to word problems

Calendar and time awareness

Introduction to math manipulatives

Puzzles

Pattern recognition

● SCIENCE

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

Large-scale, cross-curricular, Primary School Science Fair project

● SOCIAL STUDIES

Development of social skills

Development of self-awareness, learning to listen to others, learning to work in a group, learning to seek help when needed

Integrated literature

Introduction of goal-directed classroom units

Self/family

Community

International studies: travel around the world

Arts and artists

Modified *Open Circle*

● ART

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, play-dough

LIBRARY

Delight in story

Language enrichment

Listening, understanding and remembering

Interpreting the story through movement

Exposure to stories representing many cultures

Pre-reading skills: left-to-right, top-to-bottom progression

MUSIC

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

PHYSICAL EDUCATION

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

SPANISH

Greetings

Familiarization with basic themes (colors, some body parts, numbers 1–20, animals, etc.)

Development of listening skills

Response to simple questions and commands

Build upon previous vocabulary

Develop a taste for the language

Integration with Art and Music

TECHNOLOGY

Introduction to input devices: keyboard & mouse

Introduction to various curriculum enhancing software particularly focusing on enhancing creativity, math and prereading skills

Introduction to the Internet

WOODWORKING

Introduction to the safe use of tools

Identify names of basic tools, their location and function

Practice using proper tools on projects chosen to develop basic skills

kindergarten

● LANGUAGE ARTS: READING

Following directions

Recognizing both upper and lower case letters

Letter/sound associations: consonants and short vowels

Reading groups

Weekly shared reading with sixth grade reading partners

Introduction to narrative structure: setting, characters

Poetry, phonetically controlled readers, picture books

Phonological awareness activities

● LANGUAGE ARTS: WRITING

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 speech

● MATHEMATICS

Counting and recognizing numbers 0–100

One-to-one correspondence

Numeral formation

Pattern recognition

Single digit addition and subtraction

Graphing and estimating

Measurement

Exploring spatial relationships

Calendar awareness

Problem solving

Coin recognition

Introduction of hour and minute hands on a clock

● SCIENCE

Cycles in nature

Change and growth

Plants and animals

The human body

Our environment: land, sea, and sky

Topics of interest to the class

Classification of objects by attribute

Large-scale, cross-curricular, Primary School Science Fair project

● SOCIAL STUDIES

Self/community

Boston and its neighborhoods

Familiar faces and landmarks in Massachusetts

Community and maps

Introduction to New England states

Integrated literature

Open Circle

● ART

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, play-dough

LIBRARY

Delight in story

Language enrichment

Using the strategies and techniques of a good reader

Listening, understanding and retelling

Discussing the story and making connections

Choosing books to enjoy

Exposure to world folklore and stories representing many cultures

MUSIC

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

PHYSICAL EDUCATION

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

SPANISH

All previous class content with the addition of:

Greet and respond to greeting

Continue to develop oral comprehension and vocabulary

Interact in cultural games, songs and activities

Introduction of new themes (calendar, fall, the house, clothes, family, food etc.)

Introduction of holidays in Spanish-speaking countries

TECHNOLOGY

All previous class content with the addition of:

Introduction to word processing skills

Use of curriculum enhancing software in the areas of science, problem solving, math, graphing, art, language arts, social studies and Spanish

Experimentation encouraged so that students develop skills to learn on their own how to operate various computer tools

Student-created multimedia presentations

WOODWORKING

Introduction to the safe use of tools

Identify names of basic tools, their location and function

Practice using proper tools on projects chosen to develop basic skills

grade one

● LANGUAGE ARTS: READING

S.P.I.R.E. Reading Program

Phonetic readers, trade books, novels, and non-fiction articles

Literature-based reading groups

Sound/symbol association

Sightword development

Multiple decoding strategies

Fluency and expression

Comprehension: literal and beginning inferential

Vocabulary development across content areas

Daily teacher “read-alouds”

Guest readers and silent reading

● LANGUAGE ARTS: WRITING

Lucy Culkins’ Writing Workshop: process writing, small moment stories and poetry

Writing mechanics: *Framing Your Thoughts*

Conventional and phonetic spelling

Personal dictionaries

Handwriting skills

Speaking/listening skills

Journal writing

● MATHEMATICS

Place value through 100’s

Patterns and relationships

Number sense and estimation

Addition and subtraction of facts without regrouping, 0–12

Simple fractional parts

Money

Measurement: standard and non-standard

Graphing

Math as communication

Problem solving

A.D.D. math (*Arithmetic Developed Daily*)

● SCIENCE

The five senses and their uses to gather information as scientists

The Earth and the sky: the properties of the Earth’s crust; soil, rocks and minerals; our solar system

The special characteristics of animals living in Alaska

Practice with metric measuring tools

● SOCIAL STUDIES

North America: geography and indigenous peoples

The Iditarod

Map skills

Current events

Open Circle

● ART

Introduction to basic drawing skills

Elements of design

The color wheel: warm/cool colors

Painting, sculpture, ceramics, collage, printmaking

Fiber arts

Paper methods

Materials exploration

Skills development with tools

LIBRARY

- Delight in story
- Language enrichment
- Using the strategies and techniques of a good reader
- Listening, understanding and retelling
- Discussing the story and making connections
- Choosing books to enjoy
- Exposure to children's literature representing many cultures
- Curriculum support

MUSIC

- 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

PHYSICAL EDUCATION

- 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

SPANISH

- All previous class content with the addition of:*
- Further exposure to calendar and time concepts
- New themes (weather, family, classroom objects, etc.)
- Introduction of Spanish vowel sounds and consonants; working with rhyming games
- Follow specific directions and commands
- Produce more vocabulary and express simple needs
- Continued exposure to new holidays in Spanish-speaking countries

TECHNOLOGY

- All previous class content with the addition of:*
- Creativity encouraged through the use of many different programs
- Introduction to the school's local area network

WOODWORKING

- Safety and care of tools stressed
- Projects chosen to develop self-confidence and creativity
- Introduction to various measuring skills
- Use of proper tool for a given task

grade two

● LANGUAGE ARTS: READING

S.P.I.R.E. Reading Program

Literature-based reading groups

Reading comprehension: literal understanding, beginning critical and inference skills

Fluency, clarity, and expression in oral reading

Ease, concentration, and enjoyment during independent reading

Reacting to story, plot, and character development

Author studies

D.E.A.R.: Independent reading for pleasure

● LANGUAGE ARTS: WRITING

Writing Process: planning, writing, revising, editing, publishing

Writing Workshop: memoirs, author studies, letter writing, poetry, fiction/nonfiction

Daily Oral Language: capitalization, punctuation and spelling

Project Read writing program

Sentence structure

Subject, predicate, predicate expanders: how, what, where, when, why

Weekly rule-based spelling

Personal dictionaries

Cursive handwriting: lower and upper case letters

Proofreading skills

● MATHEMATICS

Place value through 1000

Reading and writing thousands

Addition/subtraction with regrouping

Practice with addition/subtraction

Concept of multiplication/division

Concept of fractions

Measurement, graphing, and geometry

Problem solving

A.D.D. math (*Arithmetic Developed Daily*)

Math vocabulary

Telling time

Money

● SCIENCE

Tree and plant life cycles, especially the seasons of the maple tree

Continued practice with metric measurement tools

Properties of magnets

The Invention Convention for the Science Fair

Gravity and motion: the dynamics of flight

● SOCIAL STUDIES

South America: geography and peoples; study of rainforest

Peru, Barzil, Argentina, Venezuela

Geography: introduction to continents and oceans

Map skills: compass rose, reading a map key, cardinal directions

Current events: *Time for Kids*

Open Circle

● ART

Group painting

Tints and shades in color mixing

Pottery: slab and coil techniques

Texture and pattern

Develop basic drawing skills

Batick (wax resist) technique

Collage

Chinese Calligraphy: connections and origins

Still life

● LIBRARY

Delight in story

Language enrichment

Using the strategies and techniques of a good reader

Listening, understanding and retelling

Discussing the story and making connections

Choosing books to enjoy

Exposure to children's literature representing many cultures

Introduction to information skills

Curriculum support

● MUSIC

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

Continued exposure to circle and line dances

Improvised movement and dance

Group instruction in violin

● PHYSICAL EDUCATION

Increased social and skill development with 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

After School athletics

● SPANISH

All previous class content with the addition of:

Utilization and integration of vocabulary

New themes (clothing, positions, food, etc.)

Mastery of vowel sounds and some other alphabet sounds

Sound out simple Spanish words

Complete simple written exercises

Follow specific directions and commands

Act out simple poems and dialogue

● TECHNOLOGY

All previous class content with the addition of:

Introduction to correct keyboarding form

Particular curriculum enhancement in geography and map skills

● WOODWORKING

Safety and care of tools stressed

Projects chosen to develop self-confidence and creativity

Introduction to various measuring skills

Use of proper tool for a given task

Introduction to stains and polyurethane in finishing processes

grade three

● LANGUAGE ARTS: READING

Short stories, poetry, non-fiction

Comprehension strategies; literal, critical, inference skills; vocabulary; decoding strategies

Dictionary and research skills

Research reports: notable biographies

Literature groups: book discussions, book reports, genre studies and character and plot analyses

Oral reading skills

D.E.A.R.:

Independent reading for pleasure

● LANGUAGE ARTS: WRITING

Writing Workshop: process writing, personal narrative, letter writing, factual and imaginative stories, poetry, plays, bookbinding and publishing

Composition: sentence and paragraph structure

Daily Oral Language: punctuation, capitalization

Grammar: nouns, verbs, adjectives, pronouns

Weekly spelling and vocabulary development

Journal: reflections and descriptive writing

Sharing reports, poetry: class performances

Cursive handwriting: review of lower and upper case letters

● MATHEMATICS

Reading and writing whole numbers through 1,000,000

Begin learning multiplication, division facts, operations with money and fractions

Develop addition, subtraction and multidigit functions

Geometric concepts including two- and three-dimensional shapes

Measure area/time

Reading clocks, calendars, timelines and ordinal numbers

Patterns, sequences, attributes, relations and functions

Number sense and estimation; calculators

Writing and reading math literature

A.D.D. math
*(Arithmetic
Developed Daily)*

● SCIENCE

The water cycle, weather and seasonal change

Motorized robotic Lego construction and programming in RoboLab

Paleontology and dinosaurs

Individual Science Fair projects

Movement of electrons in static and current electricity

Life in and around the earth's oceans

● SOCIAL STUDIES

Asia: introduction to geography

Ancient civilizations: Egypt and Greece

Global understanding: communities, states, countries, and continents

Refinement of sense of time ("now" and "in the past")

Construction of historical timelines

Martin Luther King, Jr.

Geography: continents and oceans

Current events:
Scholastic News
and newspapers

Study skills, fact finding, note-taking

Open Circle

● ART

Study of facial proportions: portrait

Watercolor washes

Complementary colors

Group projects

Pottery: self-portrait in clay

Texture design

Pointillism

Heiroglyphics unit

Gesture drawing

LIBRARY

Reading enjoyment

Using strategies and techniques of a good reader

Comprehension, retelling, inference and analysis

Reading for fact

Beginning research skills, both print and electronic

Using the on-line catalog

Media literacy

Curriculum support

MUSIC

All previous class content with the addition of:

Introduction to soprano recorder

PHYSICAL EDUCATION

Increased social and skill development with 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 and apparatus

Cooperative and competitive challenges, sports, games, team building

Rhythmic and creative movements

After School athletics

SPANISH

More utilization and integration of vocabulary

Phonic awareness

Ask and answer questions; make and respond to requests

Introduction to workbook series *Exploring Spanish*

New themes (classroom commands, classroom objects, professions, etc.)

Interact in cultural activities: games, songs, holidays, rhymes, and storytelling

More exposure to geography of Spain and Mexico, and symbols of Spanish-speaking countries

La casa (the home) and rimas (rhymes)

Flamenco dancing

TECHNOLOGY

All previous class content with the addition of:

Discuss online safety rules

Enhanced story writing/newspaper style

Introduction to higher level multi-media production programs

Utilize "CHS Reads" wiki

Introduction to Database Development

Participate in music technology unit

WOODWORKING

Safety and care of tools stressed

Projects chosen to develop self-confidence and creativity

Introduction to various measuring skills

Use of proper tool for a given task

Continued use of stains and polyurethane in finishing processes

grade four

● LANGUAGE ARTS: READING

Novels, biographies, short stories, poetry, non-fiction

Develop and apply: word attack skills, context clues, fluency, self-correcting strategies

Literal, inferential, applied, and critical comprehension: elements of a story, literary analysis, reading for content, fact/opinion, relevant/irrelevant information, sequencing

Vocabulary development; content area vocabulary, vocabulary in context, dictionary use

Reading logs, book reviews; classroom oral and silent reading

D.E.A.R.: Independent reading for pleasure

● LANGUAGE ARTS: WRITING

Writing Workshop: descriptive writing, sentence and paragraph structure, editing and revision skills

Composition: fiction and non-fiction, poetry, expository essays

Daily Oral Language: English expression

Grammar: nouns, pronouns, adjectives, adverbs, verbs, prepositional phrases

Mechanics of writing: capitalization and punctuation

Weekly spelling and vocabulary development; *Vocabulary from Classical Roots*

Reinforcement of cursive handwriting

Letter writing, journals

● MATHEMATICS

Properties, place value to 1,000,000,000

Problem solving and logic

Patterns and relationships

Multiplication and division: concepts and multidigit computation

Fractions, decimals and percentages: concepts and computation

Geometry: angles, shapes, area, perimeter, two- and three-dimensional shapes

Collect, order, interpret and display data graphically

A.D.D. math (*Arithmetic Developed Daily*)

Measurement

● SCIENCE

Insects and their life cycles

Animal research

Owl pellets

Human body: the skeletal system

Human body: the muscular system

Gravity, friction, and motion

Renaissance scientists

Individual Science Fair projects

● SOCIAL STUDIES

Medieval Europe: feudalism, nobility and role of the church, castles and towns, guilds, artwork, craftsmanship

Renaissance Europe: humanism, science and invention, famous personalities and artwork, perspective, monarchy, patrons of the arts, age of exploration, development of individual art portfolio

Shakespearean production

Research and report writing: research skills, note-taking, outlining, bibliography, and drafting

Geography: continents, oceans, land/water formations, Europe

Current events: *Time for Kids*

Open Circle

● ART

All previous class content with the addition of:

Watercolor techniques

Introduction to calligraphy

One point perspective

Clay: emphasis on construction

Weaving

Bookmaking

LIBRARY

Reading enjoyment

Using strategies and techniques of a good reader

Comprehension, retelling, inference and analysis

Reading for fact

Continued development of research skills

Using the online catalog

Media literacy

Curriculum support

MUSIC

Introduction of two and three part harmony

Choral rehearsals, emphasizing phrasing, dynamics and expressive singing

Introduction to musical theatre

Continued study of styles and history of world music through listening examples and research

Continued study of soprano recorder

Instrumental improvisation

Introduction to sight-singing

PHYSICAL EDUCATION

All previous class content with the addition of:

Inventive games

Increased social skill and fitness development through team athletics, practices and games

Understanding of sports components

Cooperative challenges and team building

Appreciation of competition

After School athletics

SPANISH

Follow directions

Obtain and exchange information and knowledge

Read, listen to and interpret simple stories and poems

Geography of Latin America and Spain

Definite and indefinite articles

Telling time: demonstrating comprehension of daily activities

TECHNOLOGY

All previous class content with the addition of:

Increased word processing/layout skills

Enhanced research using the Internet

Participate in group technology presentation

WOODWORKING

Finishing aspects of woodworking stressed

Continued work with stains and polyurethane

grade five

● LANGUAGE ARTS: READING

Literature with a focus on historical fiction and the Newbery Medal list

Vocabulary, comprehension (factual and inferential), appreciation of figurative language, plot, character and setting analysis

Shared oral reading

Independent reading program

D.E.A.R.:
Independent reading for pleasure

● LANGUAGE ARTS: WRITING

6+1 Writing Traits

Expository and creative writing

Journal writing, report writing

Figurative language and descriptive writing

Grammar: nouns, verbs, adjectives, adverbs, pronouns, prepositions, punctuation, capitalization, word usage, sentence structure; use of *Daily Oral Language* program

Vocabulary: spelling and introduction to word derivations, *Vocabulary from Classical Roots*, vocabulary from literature

Research skills: bibliography, note-cards, outlines

● MATHEMATICS

Problem solving: communication and strategies

Whole numbers, fractions, decimals: all operations

Ratio and percent

Measurement: standard and metric

Gathering, displaying and interpreting data

Geometry: use of protractors, compasses

Mathematical vocabulary

Stock market project

A.D.D. math (*Arithmetic Developed Daily*)

● SCIENCE

Animal behavior and habitats

Microscopes: sand study

Cells

Human body: the circulatory system

Human body: the respiratory system

Human body: the reproductive system

Individual Science
Fair projects

● SOCIAL STUDIES

American History: Colonial period, Revolutionary War, Declaration of Independence, Constitution, issues leading to Civil War

Geography: states, capitals, rivers of the U.S.

Use of a globe: continents, hemispheres, oceans

Africa: geography, history, people, culture, myths, folk tales

Introduction to the forms of government; three branches of U.S. government

Economics: stock market, types of economies

Current events:
Time for Kids

Open Circle

● ART

All previous class content with the addition of:

Emphasis on composition: positive/negative space; abstraction

Idea development

Printmaking

Emphasis on presentation

Pottery: combined techniques, review

Introduction to wheelwork

LIBRARY

Classroom and special subject teachers arrange for Library time and instruction on an as-needed basis to support class assignments and projects

MUSIC

Continued development of choral singing skills exploring additional two and three part harmony

Continued study of musical theatre

Continued study of styles, form and history of music through listening examples

Continued development of instrumental ensemble skills

Continued study of soprano recorder

Exploration of basic electronic keyboard and music reading skills through programs in computer technology

Continuation of sight-singing

Major and minor modes

PHYSICAL EDUCATION

All previous class content with the addition of:

Inventive games

Increased social skill and fitness development through team athletics, practices and games

Understanding of sports components

Cooperative challenges and team building

Appreciation of competition

Interscholastic athletics

After School athletics

SPANISH

Present information in a brief report

Write simple paragraphs

Identify cultural products, perspectives and practices

Subject pronouns

Regular AR verbs; *gustar* + infinitive; *Ser*

Noun–adjective agreement

Possession using *de*

Listening and reading comprehension

Intensive research project: Spanish-speaking countries

Two-day immersion program

TECHNOLOGY

All previous class content with the addition of:

Increased multimedia production

Increased online safety discussions

WOODWORKING

Stress proper use of stains and polyurethane in finishing processes

Introduction to layout skills in conjunction with measuring skills

grade six

● LANGUAGE ARTS: READING

Literature; primary/secondary sources; historical 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, *Vocabulary from Classical Roots*

Shared reading: reading aloud, reading responses in discussion and writing

D.E.A.R.: Independent reading for pleasure

● LANGUAGE ARTS: WRITING

Expository writing: persuasive essays, point of view, research, report writing, poetry analysis

Creative writing: narrative, descriptive, dialogue, five paragraph essay, personal narratives, poetry

Rules of the Game: parts of speech, sentence structure, punctuation, capitalization

6 + 1 Traits: Ideas, Organization, Word Choice, Sentence Fluency, Voice, Conventions.

Figurative language: simile, metaphor, personification

Keyboarding/wordprocessing

● LATIN

1st and 2nd declension nouns

Prepositions

Adverbs

Subject/verb agreement

Adjective formation

Expressions of place

Forming questions

Present, imperfect and future tenses of regular and irregular verbs

Direct and indirect objects

Predicate nominative/predicate accusative

Direct address

● MATHEMATICS

Logic, problem solving strategies, games, mental math

Collection, display and interpretation of data

Whole numbers, fractions, decimals: all operations

Variables, formulas, and graphs

Rational numbers: uses and operations

Geometry: congruence, constructions, angle relationships

Number systems: integers, order of operations, equations

Probability: chance events, Venn diagrams

Rates and ratios

● SCIENCE

Chemistry: physical and chemical changes, atoms, elements, compounds, acids, bases

Nutrition: the science of food

Structures and bridges

Individual Science Fair projects

● SOCIAL STUDIES

Agrarian society/farming

Pre-Industrial age

Industrial Revolution: Workers on the Line

Overview of U.S. Immigration

Civil War era: 1850–1876

History of the civil rights movement

Facing History and Ourselves

Research paper - World's Fair

History of intolerance in the U.S.

Mapping the World: a year long study of geography

Current events: local, state, national, and world; WCHS 6 News

● ART

All previous class content with the addition of:

Choice-based art program

Emphasis on self-expression

Sketchbook exercises

Art production for theater

Artist research

Reflective writing

● MUSIC

Continued development of choral singing skills exploring additional two and three part harmony

Continued study of musical theatre

Continued study of styles, form and history of music through listening examples

Continued development of instrumental ensemble skills

Continued study of soprano recorder

Exploration of basic electronic keyboard and music reading skills through programs in computer technology

Continuation of sight-singing

Sight-singing in multiple parts

● PHYSICAL EDUCATION

All previous class content with the addition of:

Gymnastics and apparatus including vaulting

Inventive games

Increased social skill and fitness development through team athletics, practices and games

Understanding of sports components

Cooperative challenges and team building

Appreciation of competition

Interscholastic athletics

After School athletics

● SPANISH

Write letters; email and penpal correspondence

Tener + Ir; Tener que; Hay que

Possessive adjectives

Adverbs of frequency

Estar + location

Present tense *ER* and *IR* verbs; present progressive

Irregular *Yo* forms

Stem changing verbs: *venir, jugar, saber, decir*

Direct object pronouns

Continuation of intensive research project

● TECHNOLOGY

All previous class content with the addition of:

Individually-created student multimedia projects

Programming the Lego NXT using RoboLab language for multi-step tasks with sensors as modifiers

● LIBRARY

Classroom and special subject teachers arrange for Library time and instruction on an as-needed basis to support class assignments and projects

● WOODWORKING

Learning to transform two-dimensional diagrams to three-dimensional structures

Self-designed projects

Advanced finishing techniques and projects

Knowledge of various types of wood from around the world

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