



Hellenic American Academy

Socrates Hellenic American Day School

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FOURTH GRADE LEVEL OBJECTIVES PRIMARY EDITION

READING/LITERATURE

- Maintains word recognition skills including phonics, contextual analysis, and structural analysis
- Maintains vocabulary development skills
- Maintains reading comprehension skills
- Recognizes and uses vocabulary related to specific content areas
- States the main idea of a reading selection
- Sequences events of a selection
- Uses specific details to support a given statement
- Predicts possible outcomes of a reading selection
- Compares and contrasts information
- Understands elements of literature
- Understands figurative language
- Recognizes story elements: plot, setting, characterization, theme, mood, and tone
- Reads to understand various literary genres and forms (*i.e. historical fiction, traditional tales, and poetry*)
- Recognizes literary devices (*e.g. dialect, exaggeration, hyperbole*)

WRITING/GRAMMAR

- Expresses ideas through the writing process:
 - ▮ Prewriting Editing/Revising
 - ▮ Drafting Publishing/Sharing
- Uses capital letters consistently and correctly
- Writes in complete sentences
- Uses punctuation correctly: end of sentences, commas
- Uses consistency in verb tense
- Uses correct paragraph form
- Uses compound and complex sentences
- Self-edits for punctuation and capitalization
- Uses proofreading marks
- Uses literature and other written models to learn and confirm grammar and mechanics
- Uses rich language/vocabulary in writing
- Understands and uses point of view in writing

LIBRARY

- Utilizes computerized catalog
- Understands parts of a book
- Uses resource materials to access information
- Uses the research process
- Applies searching skills
- Selects and evaluates books

SPELLING

- Spells 4th grade high frequency word list correctly
- Maintains all 4th grade spelling rules and spelling generalizations
- Uses resources to verify standard spelling (*e.g. dictionary*)

HANDWRITING

- Uses and maintains cursive writing

MATH

- Adds and subtracts whole numbers
- Recalls basic multiplication facts
- Adds, subtracts, and multiplies multiples of ten
- Uses a calculator in appropriate situations
- Multiplies a 2 digit whole number by a 2 digit whole number



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MATH (*cont'd...*)

- Divides 2 and 3 digit numbers by a 1 digit number with/without remainders
- Adds and subtracts decimals
- Adds and subtracts like and unlike fractions
- Solves number stories with multiple steps using addition, subtraction, multiplication, and division of whole numbers, decimals and fractions
- Identifies geometric figures and patterns
- Interprets data
- Measures using appropriate units
- Uses estimation as a problem solving procedure

TECHNOLOGY

- Manipulates active windows
- Understands the difference between “save” and “save as”

Word Processing Skills

- Uses formalized word processing programs independently for the writing process

Graphics

- Learns the basic PC drawing tools and drawing layer

Keyboarding

- Attains a speed goal of 12 words per minute

Programming

- Uses the Logo language and is able to program repeat moves

Multimedia

- Uses Hyperstudio to create multcard stacks

Telecommunication

- Accesses information online using age appropriate sites

Information Services

- Uses age appropriate electronic encyclopedias to access and retrieve information

Spreadsheets

- Charts data by using simple graphing programs

SCIENCE

Life Science

- Know that organisms have different characteristics
- Knows that organisms can be classified according to vertebrates and invertebrates
- Understands what a cell is and how it works
- Explain how organs work together
- Understand the Systems of the human body
- Recognize the parts of a plant and their uses
- Know what an ecosystem is and how it changes
- Understand the earth's biomes

Earth Science

- Explain what the water cycle is
- Know where fresh water can be found
- Describe how clouds form
- Understand weather patterns including how air moves, air mass and what causes severe weather
- Describe the earth's changing surface
- Know what is the structure of Earth
- Knows the causes and effects of earthquakes and volcanoes
- Describe what causes Earth quakes
- Explain erosion

FOURTH GRADE LEVEL OBJECTIVES PRIMARY EDITION

Physical Science

- Knows that the weight of an object always equals the sum of its parts
- Determine the property of minerals
- Understand that materials may be too small to be seen without magnification
- Understand that elements combine to form molecules
- Understand the common properties of salt
- Recognize that matter is conserved during heating and cooling
- Know the difference between mixtures and solutions

Space and Technology

- Identify structures that ancient people built to show the importance of the movement of the Sun, Moon, and stars of their culture
- Identify instruments that were used to explore the universe
- Describe the Characteristics of stars, including the Sun
- Identify different types of galaxies
- Explain the apparent motion of the stars in the sky
- Construct models to compare objects in science

SOCIAL STUDIES

- Identifies origins of the first Americans and the reasons for their migration to North America
- Compares and contrasts reasons for exploration and settlement of North America
- Understands the cause and effect of key factors of the American Revolution
- Understands the development and importance of the United States Constitution and the system of checks and balances
- Identifies major political events and leaders within U.S. historical eras
- Cites the major factors in the settlement of the American West in the mid-1800
- Realizes what life was like for immigrants
- Understands the causes and effects of the Industrial Revolution
- Understands the causes for and the results of the Civil War
- Understands latitude, longitude, time zones, and time lines
- Reads and interprets graphs and charts
- Interprets relief, elevation, an historical maps
- Realizes the impact of economics on society
- Participates in a community service project
- Participates in current events discussions

ART

- Recognizes the various elements of design such as line, shape, color, value, and texture and the different ways artists use them in works of art
- Understands the use of basic art materials & techniques in works of art
- Recognizes that through the use of basic art elements and principles artists express ideas in unique & personal ways
- Identifies basic art processes involved in simple two-dimensional and three-dimensional projects
- Identifies materials and tools used in basic art processes
- Demonstrates the basic skills necessary to create selected visual images
- Demonstrates how the elements and principles of art are used to convey an idea or feeling in two dimensional and three-dimensional visual images
- Demonstrates expressive qualities in selected visual images through the creation of two and three-dimensional projects
- Demonstrates the appropriate use of skills, tools, and materials in two and three-dimensional projects

PHYSICAL EDUCATION

Increases in strength, endurance, power, flexibility, agility, & speed through participation in the *Fitness* program

Team Sports

- Understands and applies the general rules of games learned
- Learns basic skills, teamwork, safety, and fair play
- Improves own self-image through team sports participation

FOURTH GRADE LEVEL OBJECTIVES PRIMARY EDITION

Playground Games

- Learns skills through playing organized games
- Learns to balance cooperation and competition

Rhythm and Movement Education

- Learns dances and creative movement
- Manipulates objects while moving to music

Tumbling

- Improves strength, control, form, agility, balance, & flexibility
- Learns a progression of gymnastic skills through tumbling activities

Aerobics

- Improves fitness through cardiovascular exercise
- Enhances and maintains flexibility through movement of the joints & muscles
- Improves strength, control, form, agility, balance, and flexibility

STUDY SKILLS

- Uses an assignment notebook as an organizational tool
- Applies appropriate content area reading strategies in order to locate and learn information.
- Uses graphic organizers in order to master the content
- Studies for and successfully performs on tests containing the formats taught
- Prepares for tests and quizzes using review sheets and study guides
- Takes notes on topics presented in class by teachers and other students
- Researches and writes papers/projects on selected topics in content areas
- Recognizes the importance of utilizing time management skills

MUSIC

- Uses a variety of singing skills
- Develops listening skills
- Understands steady beat
- Recognizes notes and note values
- Understands the musical terms pitch, dynamics, and duration
- Understands musical form including AB, Round, ABA, Rondo
- Listens to and sings a variety of musical styles and music from many cultures
- Recognizes a variety of tone colors including orchestral, band, vocal, and ensembles

Recorder Skills

- Plays a C Major scale
- Understands proper techniques for breathing and fingering
- Recognizes pitches on a staff

The grade level objectives listed in this brochure represent the course of study for this grade and provide a general focus for the instructional program in your child's grade. The purpose of this grade level brochure is to provide parents with an overview of the content objectives that represent the school's core curricular programs for each grade level. Most students are expected to demonstrate proficiency of these objectives by the end of the school year. We believe that when the school and home form a partnership, our children will have the best opportunity to learn and succeed in school. We encourage parents to familiarize themselves with these objectives. If you have questions about your child's program, please contact your child's teacher or principal for more information.