

## Social Studies

Social studies allows students to gain knowledge across disciplines and to develop inquiry, critical thinking, and communication skills. As students gain an appreciation for the past and an understanding of the present, their capacity for multiple perspectives and subsequent tolerance of diversity and change increases. Consequently, young learners develop civic competence; the ability to become informed, responsible citizens who are able to contribute to the well-being of their communities.

By the end of grade **six** your student will be able to:

- Experience activities that allow students to understand the development and changes of ancient civilizations
- Analyze patterns of interactions among nations and peoples
- Experience activities that encourage students to examine the influence of ancient civilizations on modern day
- Grasp the concepts, principles, and issues of economics
- Experience activities that involve students in the use of historical reference materials to generate and interpret data
- Examine the forces that create change when goals and values of institutions are conflicted
- Investigate the cultural complexities and multiple perspectives that has resulted in a dynamic and diverse Asian culture
- Experience activities that expose students to a variety of gender and cultural influences, and the resulting influence on Asian society
- Experience activities that investigate a sampling of contemporary challenges to Asian societies
- Further develop the complexity of problem-solving and decision-making skills
- Expand skill development to include thesis essay writing, note taking, content area reading strategies, graphic organizers, presentations, and research

## Language Arts

The English Language Arts program assists all students in becoming knowledgeable and proficient users of language. In an on-going process, students become inquisitive and critical thinkers, effective writers, attentive listeners, articulate speakers, discriminating viewers, and strategic readers.

By the end of grade **six** your student will be able to:

- Use a range of reading strategies to determine the meaning of unknown words as they are used in a text
- Understand the figurative and implied meaning of words and phrases
- Determine the theme or central idea of a story and how it is conveyed and provide an objective summary
- Describe how a particular story or play unfolds and how characters respond to plot developments
- Gain knowledge from materials that make extensive use of elaborate diagrams and data to convey information and illustrate concepts
- Explain how an author develops the point of view of the narrator
- Compare and contrast various texts, including poems, stories, and historical novels
- Evaluate the argument and specific claims in written materials or a speech, and distinguish claims that are supported by reasons and evidence from claims that are not
- Present claims and findings to others orally, sequencing ideas logically, and accentuating main ideas or themes
- Participate in class discussions about various texts and topics by coming prepared and following rules for collegial discussions
- Write an argument and support it with clear reasons and relevant evidence
- Write brief reports that examine a topic or answer a question, have a clear focus and include relevant facts, details and quotations and draw on several sources
- Write narratives to develop real or imagined experiences or events using effective technique, descriptive details and clear event sequences

- Use technology (internet and keyboarding) to produce and publish writing
- Strengthen writing by revising and editing
- Independently select, read and respond to a variety of literary genres

## Science

The science program is designed to build students' conceptual knowledge and science literacy. It implements a hands-on, inquiry based approach. A variety of techniques, materials, and technologies are used to help students develop skills in scientific process, communication, and critical thinking along with increasing their content knowledge. Math and language arts are integrated throughout the science curricula at all levels.

By the end of grade **six** your student will be able to:

- Explain how materials can be classified as pure substances or mixtures, depending on their chemical and physical properties
- Explain how pure substances can be either elements or compounds, and they cannot be broken down by physical means
- Explain how ecosystems are composed of the populations living in a certain space and the physical factors with which they interact
- Explain how populations in ecosystems are affected by biotic factors, such as other populations, and abiotic factors, such as soil and water
- Explain how landforms are the result of the interaction of constructive and destructive forces over time.
- Explain how variations in the amount of the sun's energy hitting the earth's surface affect daily and seasonal weather patterns
- Explain how water moving across and through earth materials carries with it the products of human activities

## Mathematics

The mathematics program in East Hampton is committed to developing math literate students who utilize the tools of mathematics effectively to analyze data and solve quantitative problems.

By the end of grade **six** your student will be able to:

- Interpret and compute quotients of fractions to solve word problems
- Fluently add, subtract, multiply and divide multi-digit decimals using the standard algorithm for each operation
- Extend number line diagrams and coordinate axes to represent points on the line and in the plane with negative number coordinates.
- Recognize that when two ordered pairs differ only by signs, locations of the points are related by reflections across one or both axes
- Understand ordering and absolute value of rational numbers
- Find the area of right triangles, special quadrilaterals, and polygons by composing into rectangles or decomposing into triangles and other shapes to solve real-world and mathematical problems
- Use ratio and rate reasoning to solve real-world problems
- Find a percent of a quantity as a rate per 100 and solve problems involving finding the whole, given a part and the percent
- Write, read, and evaluate expressions and operations in which letters stand for numbers of the form  $x + p = q$  and  $px = q$
- Summarize numerical data sets in relation to their context, describing the nature of the attribute under investigation

# EAST HAMPTON

## PUBLIC

## SCHOOLS

## CURRICULUM OVERVIEW



### Vision

The East Hampton School District – preparing and inspiring our students to be innovative, responsible, contributing members of an ever-changing global society.

### Mission

The mission of East Hampton Public Schools in partnership with our community is to develop knowledgeable, responsible, productive citizens who effectively demonstrate problem-solving and communication skills, make informed decisions and respond appropriately and confidently to life's challenges

## GRADE 6

### Music

All children possess an innate creative spirit that can be brought out through varied musical experiences. Movement, singing, playing instruments, composing, and analysis of listening selections are utilized throughout the year.

By the end of grade **six** your student will be able to:

- Create and perform a percussion composition with a small group
- Play percussion instruments using proper techniques
- Respond to music
- Develop the ability to play simple tunes and chords on the guitar in first position
- Develop the ability to write music on a staff with proper notation
- Develop the ability to create a musical composition

### Band (optional)

- Sing and play a variety of folk songs from around the world
- Read quarter, eighth, half, whole, sixteenth, and dotted rhythms
- Perform in small ensembles and large band setting
- Play Bb, Eb, F, Ab major, chromatic, and G, C, D minor scales
- Play music with expression and technical accuracy
- Develop understanding between staccato, legato, and slur articulation
- Develop ability to play soft to loud dynamic
- Develop beginning marching skills needed for Memorial Day Parade

### Chorus (optional)

- Sing in unison, two-part, and three-part harmony
- Sing with expression and technical accuracy
- Sing music representing diverse genres and cultures
- Perform alone or with others in a variety of venues

### World Language

The mission of the World Language Department is to challenge students to become more effective participants in the global community by promoting awareness and sensitivity to other cultures.

At the end of Grade 6 your students will:

- Explore both the Spanish and French languages for one semester each
- Investigate areas where the two languages are spoken
- Greet their peers and adults in both languages
- Introduce themselves and answer basic personal questions
- Count from one to thirty
- Identify basic colors, days of the week, and months
- Tell about the about the weather
- Recite the alphabet
- Follow basic classroom command

### Health

The health curriculum is a comprehensive program (based on National Health Standards) designed to address significant health issues facing today's youth. Maintaining good health begins with an understanding of what bodies need to be physically, socially, and emotionally healthy. Our goal is to teach the skills necessary for students to make informed choices in order to maintain a healthy lifestyle.

By the end of grade **six** your student will be able to:

- Determine the changes needed for a healthier diet according to the principals of the Food Guide Pyramid and Dietary Guidelines
- Be able to discuss the effects that self-respect, a sense of belonging, positive role models, and friends can have on self-esteem
- Develop listening skills as well as group interaction skills
- Practice skills necessary to avoid dangerous situations
- Be able to discuss water safety skills (e.g. hypothermia, hyperthermia, rip tides)
- Demonstrate basic first aid skills (e.g. choking, burns)
- Be able to discuss the importance of proper hygiene
- Describe the changes adolescent bodies go through during puberty
- Be able to discuss the importance of recycling

### Art

Art is a universal language. We believe it is imperative that all students have the opportunity to grow in their understanding of this avenue of communication. Art education involves nurturing the development of an

aesthetic attitude and the ability to make personal artistic statements by using one's creative powers and decision-making skills.

By the end of grade **six** your student will be able to:

- Understand the historical and societal impact of perspective and perspective drawing
- Study the perspective drawing of Andrew Wyeth, Albrecht Durer, and Viator
- Produce drawings and models based on 1, 2, and 3 point perspective
- Study perspective on location throughout the school building as well as outside

### Physical Education

Physical education is an integral part of the total educational program. Every student participates in a planned sequential program aimed at developing specific physical fitness skill areas. It is our goal to use a variety of physical activities to promote healthy life- styles, develop gross and fine motor skills, and lay the ground work for participation in lifetime leisure activities.

By the end of grade **six** your student will be able to:

- Demonstrate the ability to perform plyometric, weight, and fitness training activities to enhance physical fitness
- Complete the Connecticut Health-Related Fitness Assessment
- Use feedback to improve skill performance
- Understand and apply basic offensive and defensive strategies
- Make conscious decisions in applying rules and procedures
- Participate in and develop skills in a variety of games and activities
- Cooperate with peers with different ability levels
- Participate in and enjoy physical activities outside the regular physical education class

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