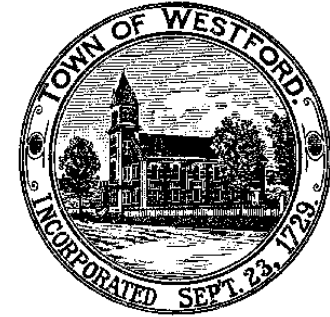


WESTFORD PUBLIC SCHOOLS



Social Studies

The kindergarten social studies curriculum focuses on the following major topics: family & community, economics, American symbols and vocabulary related to chronology and time.

- Recognize family and community helpers who provide safety for children and adults
- Identify and describe the national holidays celebrated in our country
- Identify important American symbols: American Flag, the Pledge of Allegiance, name and picture of the current president, the National Anthem
- Understand and describe examples that show the meaning of the following concepts: authority, fairness, responsibility and rules
- Know their street address, town, state and country
- Identify sequential actions such as first, next, last when describing text and personal experience
- Correctly use words and phrases related to chronological vocabulary. (now, long ago, before, after, etc.)
- Identify a map and globe
- Use phrases that indicate location and direction
- Explain why people work and make connections to family members that work

Music

- Respond to a given beat through the use of movement and rhythm instruments
- Begin to develop a proper singing (head) voice
- Distinguish differences in tempo, dynamics, and pitch
- Develop creativity through movement, instruments, and voice

Wellness

The Westford Public Schools' Wellness Program integrates various aspects of well being throughout the K-12 curriculum. Wellness literacy promotes fundamental concepts that encourage social, emotional and physical health, which guides efforts to build healthy habits, as well as strong schools, communities, families and relationships.

General Content:

- Basic concepts of safety, fitness and nutrition
- Body and spatial awareness (general and personal space)
- Body control and introduction to gross motor skills

Benchmarks are aligned with state and national standards.

Curriculum Benchmarks

Kindergarten

Rita Edwards Miller School

Nabnasset School

Col. John Robinson School

Compiled by Curriculum Task Committees
under the direction of
Assistant Superintendent
Dr. Lorraine Tacconi-Moore

“Shaping the future one child at a time”

Visit our website at: westfordk12.us

Updated May 2010

English Language Arts

- Show respect and listen to others during classroom discussions
- Communicate thoughts and ideas clearly
- Demonstrate an understanding of the concepts of print including directionality, title, illustrator, and one-to-one word correspondence
- Hear and identify sounds in words including rhymes, syllables, and initial, middle and final consonant sounds
- Recognize and use simple compound words
- Identify all consonant sounds and initial vowel sounds
- Read 25 high frequency words
- Write 15/25 of the grade level high frequency words correctly
- Use illustrations to support understanding of text
- Identify the elements of character and main idea in a story
- Read Level 2 text independently with accuracy and understanding
- Compose a writing piece using pictures and/or print to convey meaning
- Use current handwriting program when forming upper and lower case letters
- Assist in the creation of an age-appropriate media display

Math

- Counts by 1's, 5's and 10's to 100; Counts by 2s to 50
- Count back by 1's from 20
- Count to, compare, estimate and order numbers to at least 30
- Use manipulatives to solve addition and subtraction of single-digit whole numbers
- Read and write number sentences using symbols +, -, =
- Use nonstandard tools and techniques to estimate and compare weight and length
- Identify coins and bills
- Use standard tools to measure temperature and use appropriate language
- Use measures of time periods relative to the day and week
- Identify and describe 2-dimensional and 3-dimensional shapes (cone, cube, cylinder and sphere)
- Extend, describe and create a variety of patterns including visual, rhythmic and movement
- Use rules to sort and make patterns

Science, Engineering/Technology

Inquiry and investigations are embedded in all domains.

Earth and Space Science

- Observe and graph daily weather
- Observe the cyclical pattern of the seasons

Life Science

- Use senses to observe and describe objects by their properties
- Plant a seed and observe the life cycle
- Classify and sort living and non-living things
- Observe similarities and differences between adult organisms and their offspring (humans)
- Observe seasonal changes in plants

Physical Science

- Describe and sort common objects according to their properties
- Observe and describe physical characteristics of humans that allow them to move in various ways
- Observe and describe the movement of living things
- Describe the relative position of objects
- Describe the various ways objects move

Technology/Engineering

- Classify and sort everyday objects as to man-made or natural
- Demonstrate safe use of tools such as hand lenses, balances, rules, and computers
- Identify ways that tools can be used to solve problems and create objects

Living Lab Visits

- Life Science