

## LIBRARY MEDIA

Kindergarten Library Media curriculum, instruction, and assessment help each student learn to:

- Locate age-appropriate material in the library media center according to individual interests and tastes
- Describe roles of authors and illustrators, and identify simple story elements
- Successfully identify basic components of a computer and their uses

## MUSIC

Kindergarten Music curriculum, instruction, and assessment help each student learn to:

- Sing simple songs in a group, and accompany songs on instruments
- Keep a beat through movement, and repeat phrase patterns

## PHYSICAL EDUCATION

Kindergarten Physical Education curriculum, instruction, and assessment help each student learn to:

- Demonstrate and apply motor skill performance in team and individual lifetime activities
- Develop a health-enhancing level of physical fitness

## VISUAL ARTS

Kindergarten Visual Arts curriculum, instruction, and assessment help each student learn to:

- Experiment with drawing, color theory, design, painting, printmaking, three-dimensional work, and textiles

## Core Beliefs

- *We believe that all individuals are capable of learning.*
- *We believe that all individuals should have the resources necessary to achieve success within a challenging curriculum.*
- *We believe that a family, school, and community partnership is essential to our success. We believe that a safe and orderly environment is critical to learning.*
- *We believe that there is strength in diversity and that all individuals are worthy of our respect and dignity.*
- *We believe that our school climate must be welcoming, caring, and supportive for all members of the learning community.*
- *We believe that a reflective evaluation of present practices and processes is necessary in order to plan for our future.*

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Committed to Excellence

## Curriculum Overview

### KINDERGARTEN



## Mission

*The Trumbull Public School System, in partnership with the community, strives to meet the educational needs of all students within a challenging and supportive academic environment that empowers each student to become a lifelong learner and to live and participate in a democratic, diverse, and global society.*

## ENGLISH LANGUAGE ARTS

Learning new language skills is a hallmark of kindergarten, with frequent practice in reading, writing, speaking, and listening. Kindergarten English Language Arts curriculum, instruction, and assessment help each student learn to:

- Use story elements in oral retelling of text
- Use multiple strategies to problem-solve new words
- Demonstrate ability to use conversation to build ideas
- Maintain interest and focus during reading
- Identify 26 lower-case letters and 26 upper-case letters
- Associate 21 consonant sounds with letters, and 10 long and short vowel sounds with letters
- Recognize sight words
- Express written ideas clearly in narrative, informational, and opinion genres
- Connect ideas in writing, using transitional words as needed
- Use appropriate grade-level vocabulary to convey meaning in writing
- Vary sentence length and sentence structure
- Use capitalization and punctuation to aid meaning
- Apply spelling strategies in written work
- Attend to issues of presentation in writing, including neatness and spacing
- Maintain interest and focus during writing

## MATHEMATICS

Children arrive in kindergarten with widely varying mathematics knowledge. Important foundations laid in kindergarten for all children focus primarily on two important areas: learning numbers and what they represent, and addition and subtraction.

Kindergarten Mathematics curriculum, instruction, and assessment help each student learn to:

- Count to 100 by ones and tens
- Count how many objects are in a group and compare the quantities of two groups of objects
- Compare two numbers to identify which is greater than or less than the other
- Understand addition as putting together and subtraction as taking away from
- Add and subtract numbers within five
- Break up numbers less than or equal to 10 in more than one way ( $5 = 1 + 4$ , but also  $3 + 2$ )
- Find the missing quantity that is needed to reach 10 for any number between 1 and 9
- Represent addition and subtraction word problems by using objects or by drawing pictures
- Describe objects in the environment using names of shapes (triangle, circle, square...), and use terms like *above*, *below*, *beside*, *behind*, and *next* to describe position of shapes
- Demonstrate effort in mathematics

## SCIENCE

Kindergarteners are active scientists: curious, with very few preconceived ideas. When they observe, compare, contrast, sort, and predict, they are doing the things that scientists do. Kindergarten Science curriculum, instruction, and assessment help each student learn to:

- Explore daily weather conditions that affect human and animal lives
- Use their five senses to observe and record seasonal changes
- Integrate scientific measurement through both science and mathematics
- Experience life cycles by incubating and hatching live chicks

Kindergarteners will demonstrate an understanding of current science concepts and key vocabulary, make observations and present information in words and drawings, and demonstrate an awareness of science safety as they enjoy nature all around them.

## SOCIAL STUDIES

Kindergarten Social Studies curriculum, instruction, and assessment focus on the individual and his or her environment to help each student:

- Learn social skills and positive means of interacting with others
- Come to understand himself or herself as an individual and as a contributing member of society
- Explore the relationships between families, homes, neighborhoods, schools, and the larger community