

## Science

Science is divided into three primary areas; Life, Earth & Space, and Physical. In Kindergarten the units of study are integrated into their reading units or daily calendar activities.

Units covered include:

- Weather
- Animal, Plants and their Environments
- Force and Interactions

Through these units, students will gain content knowledge as well as an understanding of the following:

- How is the weather different today than yesterday?
- How does knowing the weather forecast help people?
- How does the sun change the Earth?
- What do animals (including humans) and plants need to survive?
- How do animals (including humans) and plants grow and change?
- How can humans keep animal/plant habitats healthy?
- How does applying push/pull affect the movement of an object?
- How can you speed up the movement of an object using push/pull?



## Social Studies

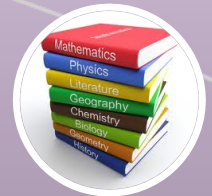
Social Studies is divided into four strands; civics and government, economics, geography, and history. In Kindergarten, these strands are integrated into the reading units and daily classroom activities.

Units covered include:

- Communities
- Maps/Globes
- Holidays
- Patriotism

Through these units students will gain content knowledge as well as an understanding of the following:

- How do people in a community help one another?
- How is money used within a community?
- Where are we on a map?
- What are our national holidays? Why/how are they celebrated?
- What are some of our patriotic symbols?



# Kindergarten Curriculum Guide

School Administrative Unit 28

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The Pelham School District, in collaboration with our community, provides high-quality instruction with rigorous expectations in a supportive and safe environment. We prepare all our students for life-long learning and critical thinking, inspiring them to become contributing citizens of the ever-changing global community.



# Mathematics

In Kindergarten, instructional time will focus on two critical areas: (1) counting objects to tell how many there are followed by addition and subtraction of small numbers; (2) describing shapes. Additional time will be spent on the following skills and understandings:

- Know number names and count in sequence.
- Count to tell the number of objects.
- Compare numbers; greater than and less than.
- Understand addition as putting together and adding to, and understand subtraction as taking apart and taking from; work with word problems that ask for addition or subtraction



# English Language Arts

English Language Arts (ELA) comprises four areas; reading, writing, language, and speaking & listening. Within these four areas there are many categories, which when all brought together encompass student literacy.

In Kindergarten, these are the skills and understandings we focus on in each area:

## Reading

- Name letters and match them to the sound(s) they make.
- Break apart words into sounds, build words from individual sounds
- Comprehend text that is read aloud; identify the topic and one or two details in informational text, identify the setting, characters, and one or two events in literature.

## Writing

- Use a combination of drawing, dictating and writing to state an opinion or preference, express feelings and emotions, share information and tell stories.
- Spell words by building from the individual sounds as well as properly spell the smaller words used frequently in our language (e.g. a, the, to, of, from, I, is, are).

## Language

- Print letters using proper formation (all uppercase and many lower case).
- Use proper grammar when speaking and writing; matching plurals and verb tense.

- Use a variety of words for the same or similar meaning (e.g. big, giant, huge, large).
- Understand that a sentence starts with a capital and ends with a punctuation mark.

## Speaking & Listening

- Participate in conversations and learning exchanges using agreed-upon rules; take turns, raise your hand, wait to be called on, listen to others, etc.
- Ask and answer questions in order to seek help, get information, or clarify something that is confusing.
- Describe familiar people, places and events and one or two events in literature.