

Science

Science is divided into three primary areas; life, earth & space, and physical. In Grade 3 the areas are studied through the following units of study:

- Properties of Matter
- Rocks & Minerals
- Earth's Surface
- Earth, Moon, Stars/Solar System
- Living Things
- Forces of Motion/Simple Machines

Through these units students will gain content knowledge as well as an understanding of the following concepts, skills, and processes including:

- Explain the reasons for day and night.
- Understand that the Earth gets light and heat from the Sun.
- Categorize things around them into solids, gases, and liquids.
- Classify living and non-living things.



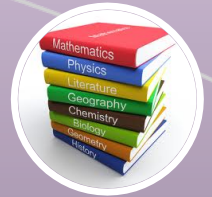
Social Studies

Social Studies is divided into four strands; civics and government, economics, geography, and history. In Third Grade these strands are studied through the following units of study:

- Native Americans
- Immigration
- Maps & Globes

Through these units students will gain content knowledge as well as an understanding of concepts, skills, and processes such as:

- Understand and identify maps and globes.
- Identify places, oceans, and continents.
- Summarize data from maps.
- Study the relationship of Native Americans to present day.



Third Grade 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 Grade 3, instructional time will focus on four critical areas: (1) developing understanding of multiplication & division; strategies and procedures for multiplication and division within 100; (2) developing understanding of fractions, especially unit fractions (e.g. $\frac{1}{4}$, $\frac{1}{2}$); (3) developing understanding of the structure of rectangular arrays and of area; and (4) describing and analyzing two-dimensional shapes. Additional time will be spent on the following skills and understandings:

- Represent and solve word problems involving multiplication and division.
- Solve problems involving the four operations, and identify and explain patterns in arithmetic.
- Use place value understanding and properties of operations to perform multi-digit arithmetic.
- Develop understanding of fractions as numbers.
- Solve problems involving measurement and estimation of intervals of time, liquid volumes, and masses of objects.
- Represent and interpret data.
- Geometric measurement: understand concepts of area and perimeter.



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 Third Grade, these are the skills and understandings we focus on in each area:

Reading

- Read closely to find main ideas and details in text, refer to them when talking about the text.
- Make connections within stories about the order of events, relating the sequence of events or the cause and effect.
- Compare and contrast stories or ideas in two different texts.
- Read fluently without pausing to figure out words, varying speed and voice to match the text.

Writing

- Write to state an opinion or provide information about a topic that brings together many facts and ideas to support the main idea.
- Write stories that include details about the situation and express feelings of the characters.
- Complete research projects independently on a topic and write about what has been learned.

Language

- Use resources such as dictionaries, glossaries, and thesaurus to use and spell words correctly.
- Distinguish between literal and figurative meanings of phrases, such as “the weight of the world”.

Speaking & Listening

- Take part in conversations where the questions and answers asked by all participants lead to a deeper understanding of the topic, elaborating on early comments as necessary.
- Retell information or ideas learned from media and books through formal presentations, using multi-media to support the presentation.