

SCIENCE

New York State Standards

The central purpose to scientific inquiry is to develop explanations of natural phenomena in a continuing creative process. Students will not only learn scientific facts, but will also learn how to ask questions and to emphasize the skills and strategies that are needed to explore, investigate and analyze our changing world.

Garden City students will develop an understanding of these concepts through the study of:

- Living Environment- the life cycles of plants and animals, fossil formation
- Physical Setting- magnetism, energy and matter
- Scientific Process- apply processing skills by predicting, observing, classifying, measuring, experimenting and drawing conclusions

SOCIAL STUDIES

New York State Standards

Students will use a variety of intellectual skills to study:

- History of the United States and New York
- World History
- Geography
- Economics
- Civics, Citizenship, and Government

Garden City students will develop an understanding of these skills during the study of:

- Citizenship-roles, rights and responsibilities of citizenship
- Community- community helpers, goods and services, needs and wants, transportation and communication
- Geography- community, state and nation, Earth's continents, compass rose, map skills and land forms

BOARD OF EDUCATION

Angela Heineman
President

Tom Pinou
Vice President

William Holub – *Trustee*

Stefanie Granville – *Trustee*

Michael Cassaro - *Trustee*

DISTRICT MISSION STATEMENT

The Garden City School District seeks to create an environment for learning which enables each student the opportunity to grow as an individual as well as a group member while striving to achieve the optimal level of academic, social and personal success. Students will thrive in a learning environment that is developmentally appropriate, individualized and challenging. Our goal and responsibility is to help each student develop an enthusiasm for learning, a respect for self and others, and the skills to become a creative independent thinker and problem solver.

ADMINISTRATION

Dr. Kusum Sinha
Superintendent of Schools

Dr. Edward Cannone
*Assistant Superintendent for
Curriculum and Instruction*

Miss Linda Norton
Principal: Stewart School

Mrs. Eileen Vota
Principal: Stratford School

Garden City School District
56 Cathedral Avenue, Garden City NY 11530

Garden City Public Schools

**Inspiring Minds
Empowering Achievement**

Grade 2

Building Community



Elementary School Curriculum

Dear Parents:

The Garden City School District values its communication and partnership with all members of our school family. This brochure was developed to provide parents with an overview of the second grade curriculum and the skills students will acquire in English language arts, mathematics, social studies and science. We hope you find this parent curriculum guide informative and useful as we work cooperatively to insure students' academic success. Best wishes for a successful and rewarding school year.

Sincerely,

Edward Cannone, Ed.D.
Assistant Superintendent for
Curriculum and Instruction

ENGLISH LANGUAGE ARTS

New York State Common Core Learning Standards:

Students will read, write, listen and speak for:

- Information and understanding
- Literacy response and expression
- Critical analysis
- Social interaction

Garden City students will be able to:

- Ask and answer such questions as *who, what, where, when, why, and how* to demonstrate understanding of key details in a text.
- Recount stories, including fables and folktales from diverse cultures, & determine their central message, lesson, or moral.
- Describe how characters in a story respond to major events and challenges.
- Describe how words and phrases supply rhythm & meaning in a story, poem, or song
- Acknowledge differences in the points of view of characters, including speaking in a different voice for each character when reading aloud.
- Use information gained from the illustrations and words in a print or digital text to demonstrate understanding of its characters, setting, or plot.
- Compare and contrast two or more versions of the same story by different authors or from different cultures.

- Identify the main topic of a multiparagraph text as well as the focus of specific paragraphs within the text.
- Describe the connection between a series of historical events, scientific ideas or concepts, or steps in technical procedures in a text.
- Know and use various text features (e.g., captions, bold print, subheadings, glossaries, indexes, electronic menus, icons) to locate key facts or information in a text efficiently.
- Compare and contrast the most important points presented by two texts on the same topic.
- Decode regularly spelled two-syllable words with long vowels.
- Write opinion pieces in which they introduce the topic or book they are writing about, state an opinion, supply reasons that support the opinion, use linking words to connect opinions and reasons, and provide a concluding statement or section.
- Participate in shared research and writing projects.
- Tell a story or recount an experience with appropriate facts and relevant, descriptive details, speaking audibly in coherent sentences.
- Capitalize holidays, product names, and geographic names.
- Use commas in greeting and closings of letters.
- Use an apostrophe to form contractions and frequently occurring possessives.

MATHEMATICS

New York State Common Core Learning Standards:

Students will develop an understanding of mathematics and its processes through a study of four content domains: Operations and Algebraic Thinking, Number Operations, Measurement and Data, and Geometry. Students will apply technological knowledge and skills to support their learning and decision-making.

Garden City students will be able to:

Operations and Algebraic Thinking

- Use addition and subtraction within 100 to solve one- and two-step word problems.
- Fluently add and subtract within 20 using mental strategies. By end of Grade 2, know from memory all sums of two one-digit numbers.
- Work with equal groups of objects to gain foundations for multiplication.

Number & Operations in Base Ten

- Understand place value
- Count within 1000; skip-count by 5s, 10s, and 100s
- Read and write numbers to 1000 using base-ten numerals, number names, and expanded form.
- Compare two three-digit numbers based on meanings of the hundreds, tens, and ones digits, using $>$, $=$, and $<$ symbols to record the results of comparisons.
- Add up to four two-digit numbers using strategies based on place value and properties of operations.

Measurement and Data

- Measure and estimate lengths in standard units.
- Tell and write time from analog and digital clocks to the nearest five minutes, using a.m. and p.m.
- Solve word problems involving dollar bills, quarters, dimes, nickels, and pennies using dollar and cents symbols.
- Draw a picture graph and a bar graph (with single-unit scale) to represent a data set with up to four categories.

Geometry

- Recognize and draw shapes having specified attributes, such as a given number of angles or a given number of equal faces. Identify triangles, quadrilaterals, pentagon, hexagons, and cubes.
- Partition a rectangle into rows and columns of same-size squares and count to find the total number of them.
- Partition circles and rectangles into two, three, or four equal shares; describe the shares using the words halves, thirds, half of, a third of, etc.