

# GRADE FIVE EXPECTATIONS

## Reading and Language Arts

The fifth grade curriculum places an emphasis on the student's ability to understand the organization of books and independently apply reading strategies. The fifth grade student will be reading fiction and nonfiction that is increasingly complex. Clarity of communication through writing and speaking is emphasized.

By the end of grade five, your child will be expected to:

- Read fluently and independently for pleasure and to learn new information.
- Use the organization of a book, chapters, headings, and graphics to build meaning independently.
- Use strategies to read unfamiliar text. Some strategies are summarizing, noting details, breaking words into parts.
- Ask and respond to questions before, during, and after reading.
- Identify and describe important characters (characters and their relationships with other characters) settings, events, and details to show an understanding and interpretation of literature.
- Participate in activities involving a variety of styles of literature, for example: realistic fiction, historical fiction, fantasy/science fiction, and information books.
- Learn new vocabulary by studying how to read, spell and write using root words such as friendly, prefixes such as bicycle and suffixes such as likeness.

- Write a well-developed, organized, and fluent response to a prompt (write about a single subject such as different kinds of clouds) that uses elaboration with specific details and examples.
- Write at least five paragraphs about one subject using 4-5 complete sentences in each paragraph. Use new vocabulary words and correct spelling, punctuation, and complete sentences in writing.
- Show an understanding and interpretation of a piece of literature by using references (quotes) from the reading selection.
- Work independently and in large and small groups to complete a clearly defined task and then report the results.
- Prepare and deliver at least a 1-2 minute speech to inform about a single topic or event.

## Mathematics

The grade five curriculum places emphasis on the student's understanding of number sense. Students must understand the place value of any digit in a number from a hundred million to the thousandths. Students will be able to identify numbers as prime or composite, and determine multiples and factors. They must know how to add, subtract, multiply and divide whole numbers.

Grade five students should, by the end of the school year:

- Create or extend a pattern and describe the pattern to other students using words, mathematical formulas, and/or pictures.
- Write a ratio as a fraction and the relationship of two ratios as a proportion.
- Add, subtract and multiply fractions, mixed numbers and decimals to the thousandths.
- Use estimation strategies, to solve one-step story problems involving fractions, mixed numbers and decimals, and two-step story problems involving whole numbers and money amounts.
- Collect information through surveys then organize and display data using tables, charts, or graphs, and make

- decisions and predictions based on the data.
- Recognize, draw, and make models of points, endpoints, line segments, lines, rays, angles, horizontal and vertical lines, and intersecting, parallel and perpendicular lines.
- Identify, classify, draw, describe, and measure acute, obtuse, and right angles using a protractor or compass and label the vertices, rays, and interior and exterior angles.
- Estimate and then measure the length, capacity, or weight of an object using customary and metric measures.

## Science

Utilizing the fifth grade science curriculum, the students will be able to engage in Scientific Inquiry, Sound Energy, Light Energy, Sensory Organs, and the Solar System.

By the end of grade five, the student will:

- Describe the factors that affect the pitch and loudness of sound produced by vibrating objects.
- Describe how sound is transmitted, reflected and/or absorbed by different materials
- Describe how light is absorbed and/or reflected by different surfaces.
- Describe how light absorption and reflection allow one to see the shapes and colors of objects.
- Describe the structure and function of the human senses and the signals they perceive.

### Science *(Continued)*


- Explain the cause of day and night based on the rotation of Earth on its axis.
- Describe the monthly changes in the appearance of the moon, based on the moon's orbit around the Earth.
- Compare and contrast the structures of the human eye with those of the camera.
- Describe the uses of different instruments, such as eye glasses, magnifiers, periscopes and telescopes, to enhance our vision.

### Social Studies

- In fifth grade social studies students build an understanding of United States history through social, cultural, economic, and geographic themes.  
By the end of grade five the student will:

- Know that geography influences the social and economic growth of regions in the United States.
- Know how the first Americans came to America.
- Identify various early Native American Nations and reasons for European exploration and settlement in the Americas.
- Explain the reasons for the Westward Movement.
- Explain the reason for the Declaration of Independence.
- Understand the reasons for the Constitution and the three branch system of government it established. (Presidency, Congress, Supreme Court)
- Know the differences among the federal, state, and local government.
- Explain the causes and outcomes of the Civil War.
- Explain the development of the United States as a world power.
- Understand the challenges of the 20<sup>th</sup> century: The Great Depression, The New Deal, World War II, and The Cold War.
- Describe how African Americans, Asian Americans, Hispanic Americans and women have tried to gain equal rights in the United States.
- Describe how social and cultural changes can occur rapidly or gradually.
- Understand how new tools, trade, and technology can bring about cultural changes.
- Know the difference between a political and physical map.
- Describe the uses of different types of graphs such as: pie, bar, line and picture graphs.

To be considered for promotion to grade six, students must demonstrate at least 80% mastery of Bridgeport Public Schools' Grade Five Student Expectations for Learning in reading and math. Mastery will be assessed through portfolios and report card grades.



## STUDENT EXPECTATIONS FOR LEARNING

*Bridgeport Public Schools*



*GRADE FIVE*