

SCIENCE, CONTINUED

Physical Science

- ✎ Human body systems.
- ✎ Classify changes in matter as chemical or physical.
- ✎ Conduct an investigation of static electricity.

SOCIAL STUDIES

Is there a Social Studies Program? Yes! Your child will study the United States from the early explorers of the New World to the Civil War. They will incorporate the history, geography, civics, and economics of those time periods and transcend time to make the connections to our present-day way of life.

Fifth Grade students will continue their study of the following
Core Democratic Values:

- ✎ Individual Rights—All people have certain basic rights that are not created by the government. Many of these rights are outlined in the Bill of Rights.
- ✎ Popular Sovereignty—The people are collectively the leaders of the nation and hold ultimate authority over public officials and policies.

TECHNOLOGY

Do Fifth Grade students use computers? Yes! They use computers in their classrooms and in the computer labs. Software applications, appropriate for this age group, support language arts, math, science, social studies, and keyboarding.

ART, MUSIC, AND PHYSICAL EDUCATION

Are the arts, music, and physical education included in the core curriculum? Art, music, and physical education are included weekly in the curriculum. Each are aligned with state and national standards. Often, these areas of study are integrated in the regular classroom.

**Working together will create
the best opportunity for learning!**



Statement of Compliance with Federal Law: The Cheboygan Area Schools complies with all Federal laws and regulations of the U. S. Department of Education. It is the policy of the Cheboygan Area School that no person on the basis of race, color, gender, age, religion, national origin or ancestry, marital status, disability, height, weight, and/or any other legally protected characteristic shall be discriminated against, or excluded from participation in, denied the benefit of, or otherwise be subjected to, discrimination in any program or activity to which it is responsible or for which it receives financial assistance from the U. S. Department of Education.

A parent's guide to . . .

Fifth Grade Curriculum



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Our Mission:

“Provide and teach all students the curriculum necessary to develop their knowledge base and learning skills to enable them to function as responsible and informed members of a changing

ABOUT OUR CURRICULUM

Our program centers on high standards of achievement which are engaging and challenging to all learners. Quality teaching and learning of academic and behavioral goals exist for each student in a caring, friendly environment.

This guide will answer frequently asked questions about the **Fifth Grade Program**. For greater detail, please contact the Curriculum Director at the Board of Education Office or call your child's teacher or principal.

What do children learn in the English-Language Arts Program in Fifth Grade?

READING

- ✎ Identify the elements of a story—setting, problem, major events, resolution, and conclusion.
- ✎ Analyze a character's personality and the reason for their actions.
- ✎ Use strategies to interpret information and improve comprehension from reading passages.
- ✎ Identify different types of literature—humor, fiction, nonfiction, fantasy, vs. reality, and historical fiction.
- ✎ Demonstrate study skills—skimming, scanning, summarizing, note taking, and reading written directions.
- ✎ Continue vocabulary and spelling development.
- ✎ Use a variety of resources to locate information.
- ✎ Analyze nonfiction texts and utilize the information.
- ✎ Remember and use what has been read from other subject areas.

WRITING

- ✎ Use prewriting strategies to generate and organize ideas.
- ✎ Write for a specific purpose using a variety of techniques—creative writing, multi-paragraph, oral presentation, poetry, and mysteries.
- ✎ Use a variety of strategies for planning, drafting, revising, and editing different forms of writing.
- ✎ Use correct sentence structure, punctuation, capitalization, spelling, grammar, and editing techniques.
- ✎ Develop individual style to add to writing.
- ✎ Write neatly in cursive.

MATH

What do children learn in the Math Program in Fifth Grade?

Geometry and Measurement

- ✎ Solve problems about geometric shapes.
- ✎ Find areas of geometric shapes using formulas.
- ✎ Recognize and use the relations of congruence, similarity, intersection, parallelism, and perpendicularity for figures in one and two dimensions.
- ✎ Estimate distances and positions in a coordinate plane.
- ✎ Measure area, volume, or length of an object in standard and metric units.
- ✎ Know and convert among measurement units within a given system.

Data Analysis and Probability

- ✎ Construct line, bar, and circle graphs.
- ✎ Make comparisons and interpret information on graphs.
- ✎ Construct tables from data.
- ✎ Find and interpret mean and mode for a given set of data.
- ✎ Solve multi-step problems involving mean.

Number and Operations

- ✎ Understand the meaning of decimals, fractions, and percentages.
- ✎ Solve application problems using addition, subtraction, multiplication, division, fractions, and decimals.
- ✎ Divide whole numbers with remainders.
- ✎ Express, interpret and use ratios.
- ✎ Multiply and divide with decimals and fractions.

Algebra

- ✎ Check the solution(s) with the conditions of the problem.
- ✎ Solve problems represented physically, pictorially, symbolically, or verbally.
- ✎ Use a calculator to multiply, divide, add, and subtract.

SCIENCE

What will my child learn in the Science Program in Fifth Grade?

The Fifth Grade Science Curriculum focuses on three broad areas of science: Life Science, Earth and Space Science, and Physical Science.

Life Science

- ✎ Compare and classify animals.
- ✎ Observe, record information, and draw conclusions about the life cycle of a flowering plant.

Earth and Space Science

- ✎ Describe major features of the surface of the earth.
- ✎ Use maps to analyze and explain plate tectonics.
- ✎ Describe how rocks and fossils are used to determine the age and geological history of the earth.