

SCIENCE, CONTINUED

Earth and Space Science

- ✎ Describe major landforms of the Earth's surface.
- ✎ Identify water sources and water properties.
- ✎ Describe the major bodies of water on the Earth's surface.

Physical Science

- ✎ Classify objects as single substances or mixtures.
- ✎ Measure length, volume, and weight of substances.
- ✎ Describe objects and substances according to their properties.

SOCIAL STUDIES

Is there a Social Studies Program? Yes! There is an exciting curriculum which goes beyond the classroom, making connections to the world around us.

Second Grade students will:

- ✎ Explore their community.
- ✎ Design and read a map of a community.
- ✎ Locate and label the five Great Lakes on a map of Michigan.
- ✎ Locate and label the seven continents and four oceans.

Second Grade students will continue their study of the following

Core Democratic Values:

- ✎ Common Good—Individual citizens have the commitment and motivation to work together with others for the greater benefit of all.
- ✎ Rule of Law—Both the government and the people of the nation must obey all laws.

TECHNOLOGY

Do Second 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 . . .

Second Grade Curriculum



Cheboygan Area Schools

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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 society.”

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 **Second 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 Second Grade?

READING

- Utilize multiple strategies to decode words as they construct meaning.
- Independently read from unfamiliar books using pauses and emphasis that signal the meaning of text.
- Use the cues of punctuation (period, exclamation point, question mark, and comma) to guide them in getting meaning and fluently reading aloud.
- State the main idea, setting, characters, problem, and solution of a story.
- Retell sequence of events from fiction or non-fiction text.
- Easily recognize and know the meaning of familiar second grade level words.
- Identify and describe narrative texts, poetry, fantasy, legends, and drama.

WRITING

- Demonstrate their knowledge of the writing process by communicating clearly through writing.
- Write for a variety of purposes (fiction, fantasy, stories) that include characters, setting, problem, and solution.
- Evaluate writing for correct spelling, punctuation (period, comma, question mark, exclamation point, and quotation marks), sentence structure, and capitalization.
- Identify nouns, verbs, adjectives, pronouns, contractions, and plurals in writing.
- Publish neatly completed works in a variety of ways using illustrations appropriate to the text.
- Correctly spell two-syllable words seen often.
- Print upper and lower case letters neatly.

How can parents help their child succeed in English-Language

Arts? Second grade is the year when your child transitions from "learning to read" to "reading to learn". Ask your child to read to you daily. He or she will enjoy that 20 minutes of reading time with you.

MATH

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

Numbers and Operations

- Read, write, compare, and order numbers to 1000.
- Write numbers up to 1000 using place value.
- Count by 2's, 5's, and 10's starting from any number; count by 3's and 4's starting with 0.
- Find missing values in open sentences ($42 + \underline{\quad} = 57$).
- Add and subtract two and three digit numbers with regrouping.
- Recognize, name, and show commonly used fractions.
- Place 0 and halves on the number line.
- Solve word problems using addition or subtraction.
- Understand multiplication is counting sets of objects ($5 + 5 + 5 = 15$, $5 \times 3 = 15$).
- Know the times table up to 5×5 .
- Use a calculator to compute sums and differences using whole numbers.

Measurement

- Measure lengths in meters, centimeters, inches, feet, and yards.
- Compare, add, and subtract lengths.
- Know what perimeter is and compute.
- Tell and write time in five-minute intervals.
- Solve problems using mass, liquid capacity, time, and temperature.
- Solve problems using measurement, elapsed time, and money.
- Read, write, and add amounts of money.

Geometry

- Identify the following shapes in one, two, and three dimension: sphere, pentagon, polygon, diamond, octagon, hexagon, cone cylinder, pyramid, parallelogram, and trapezoid.
- Classify flat and solid shapes.
- Recognize that turned or flipped shapes are the same.

Data and Probability

- Construct, record, read, and interpret simple graphs and tables.

SCIENCE

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

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

Life Science

- Conduct and report the results of a scientific investigation of a flowering plant, order stages of the life cycle, and match the parts to its function.