



2ND GRADE

Curriculum Overview

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EMPOWERING THE FUTURE – with Mattawan Pride

is to develop goal-driven learners who thrive through experiences, dialogue. Develop connectivity, collaboration, solution-focused thinking, supporting the social-emotional, behavioral, and academic success of everyone in the learning community.

"Our curriculum is fully aligned with the Michigan Merit Curriculum (MMC) guidelines and state content standards. Additionally, our early literacy instruction aligns with MDE Section 1280f evidence-based curriculum requirements and structured literacy standards."

Reading

Reading is a process of constructing meaning from written language. Learning to read is an active process involving interactions between the child and the print, enabling the reader to build meaning. Children learn to use a variety of strategies to derive meaning from print and to view reading as enjoyable.

Second Grade students will work toward:

- continuing to use a variety of strategies to unlock meaning (e.g. picture clues, context, phonics, recognizing sight words)
- becoming fluent readers at their instructional level (e.g. reading at an appropriate rate, reading smoothly, reading with expression and attending to punctuation)
- recalling story details by retelling a story in sequence
- applying knowledge of characters, setting, events, problems and solutions in a story
- understanding implied meaning and drawing conclusions
- using prior knowledge to develop new meaning
- constructing meaning from fiction/nonfiction text
- choosing various types of reading material at their independent reading level
- making personal and real world connections to the text and between two different texts
- reading for pleasure

Writing

Second Grade students will experience the process of writing in the genres of Narrative, Informational, and Opinion writing as aligned in the Common Core State Standards. The philosophy and principles of writer's workshop create a learning environment that does the following:

- Encourages independence
- Gives the long writer a high degree of choice within a framework
- Has procedures that are consistent for accessing materials and self-selecting a personal working space
- Structures the environment to encourage writers to take risks and learn their craft.
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Social Studies

Children in second grade study the concept that neighborhoods make up a community. The variety of services provided in a community is the focus

Second Grade students will:

- understand past and present in the local community of Mattawan
- explain why people form governments and how citizens participate
- understand land use in the community and how to positively interact with the environment
- demonstrate ability to construct maps of the local community and discuss its relationship to the surrounding area
- identify public issues on the local community and participate in projects to help others
- describe the role of businesses in the local community

Book Exchange

Second Grade students will learn:

- Zones of Regulation
- Story Elements
- Understanding/Comparing Fiction and Nonfiction
- Review the organization of the library
- Review how to take care of a book
- Review the Dewey Decimal System/Call number
- How to use the card catalog to find a book in the library

<u>Math</u> Mathematics instruction is facilitated by a comprehensive curriculum that maintains a balance between the development of math concepts and basic skills. Students apply basic math skills while working on meaningful and challenging tasks. Second grade students study traditional math curriculum as well as estimation, geometry, measurement, patterns and relationships, algebra concepts, and statistics and probability at an appropriate second grade level. Second Grade students will work toward: • developing an understanding of the relationship between numbers including place value • solving and explaining problems using objects, pictures, words, and numerals • applying a variety of problem solving strategies • describing mathematical thinking verbally, in writing and with pictures • learning to compute accurately, including money • using graphs, tables, and charts to interpret data • measuring accurately using standard and non-standard tools • telling time to the nearest five minutes and using the concept of time duration • mastering basic addition and subtraction facts • reasoning with shapes and their attributes	<u>Science</u> In second grade, students will be actively involved in science experiences. They will be working to attain the knowledge and process skills they will need to understand the world around them. Our science curriculum utilizes the Mystery Science units below, which are aligned with Next Generation Science Standards. Second Grade students will: Animal Adventures (Life Science) • Develop a sense of wonder for biodiversity: the sheer range and variety of animals found on earth. • Gain practical experience in identifying animals, sorting them into scientific groups, and applying their knowledge. • Be introduced to two critically important concepts in biology: "habitat" and "species". Work of Water (Earth & Space Science) • Develop the idea that water is a powerful force that reshapes the earth's surface. • See that water isn't just something we drink. Material Magic (Physical Science) • Explore the material properties involved in meeting basic needs (such as clothing and cooking). • Consider the solid and liquid states of matter. • Brainstorm about futuristic inventions that might be possible using new materials.	<u>Technology</u> Second Grade students will: • learn basic keyboard skills • continue basic word processing skills • begin to use the Internet for research • manipulate graphics • continue using multimedia software • use a scanner and digital camera <u>Art</u> Second Grade students will: • apply the basic art elements (color, value, line, shape, form, texture, space) • continue to use various art techniques and tools in projects • demonstrate self expression through different media <u>Music</u> Second Grade students will: • sing and play instruments with expression • sing and clap rhythms from simple songs • sing and perform simple melodies • identify phrases as same or different • read a two verse song • understand verse/refrain or AB form • understand ABA form
<u>Fit For Life</u> The Fit for Life program includes: • instruction in a variety of motor skills that are designed to enhance the physical, mental, and social/emotional development of every child • fitness education to help children understand, improve and/or maintain their physical well-being • development of cognitive concepts about motor skills and fitness • opportunities to improve their emerging social and cooperative skills and gain a multicultural perspective • promotion of regular amounts of appropriate physical activity now and throughout life	<u>Integrated Arts</u> 2nd Grade children will: • develop creativity through the use of various art mediums • use elements and principles of art to communicate ideas • use various mediums to create art in many different ways, including paint, sculpture, drawing, assembling, and more. • learn about different styles of art by studying famous historical artists • sing and play instruments to understand and experience beat, rhythm, melody, harmony and form • identify and recognize the value of good physical and mental health through exercise and nutrition • Work on large motor development through throwing, catching, kicking, dribbling, and the movement of our body in space (stretches, calisthenics, dance, cardiovascular workout, etc.)	<u>Community Time</u> During this 20 minute daily meeting our students will: • Have conversations about life skills • Build Social Emotional Capacity • Problem solve classroom problems • Learn to problem solve and compromise • Practice communication skills • Build resilience • Practice zones of regulation  The Mattawan Board of Education does not discriminate on the basis of race, color, religion, national origin or ancestry, sex, age, disability, height, weight, or marital status, or any other legally protected characteristic in its programs and activities, including employment opportunities. Please contact the Assistant Superintendent of Business Services, 56720 Murray Street, Mattawan, MI 49071, 269-668-3361

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