

Physical Education:

- Demonstrate sport-specific skills in individual, dual and team sports, and recreational games.
- Perform and understand fitness activities that develop and maintain cardiorespiratory endurance, muscular strength and endurance of large muscle groups, and flexibility of major joints.
- Use feedback from practice trials, teacher, and peers to improve skill performance.
- Demonstrate on a daily basis, good personal/ social character traits at least 75% of the time.
- Enjoy participating in physical activity.



Assessments:

Assessment includes, but is not limited to observations, quizzes, tests, rubrics, scoring guides, NWEA computer assessment, STAR diagnostic assessment, and Michigan Statewide assessments, ELA, Science and mathematics assessments.

*Field Trips:

The State Capitol and Halls of Justice, Environmental Discovery Center, Henry Ford Museum.



*Subject to change.



Fourth Grade Curriculum

Reading and Writing

Math

Social Studies

Science

Spanish

Music

Computers

Physical Education

Mission: To achieve individual academic success for all students through a positive family, school, and community partnership.

In accordance with the Michigan Grade Level Content Expectations, and the Common Core Standards, fourth grade students will...

Reading:

- Analyze various selections by reading, viewing, and listening to determine author's, illustrator's, or speaker's purpose, craft, and voice.
- Read to analyze the characteristics, sequence of events, and cause and effect relationships of biographical and autobiographical selections.
- Read and analyze narrative and informational texts, using reading strategies to identify theme or main idea.
- Display comprehension of narrative and informational text by developing skills which include: understanding fiction and nonfiction reading selections, identifying main ideas, sequencing events, recalling details, making predictions, drawing inferences, making connections, and understanding cause-and-effect relationships.
- Students will work inside a Reader's Workshop model. Guided reading groups will be established to foster reading at each students' instructional level.

Technology:

- Demonstrate the proper care of technological systems and components.
- Interpret, analyze and evaluate information with the assistance of technology.
- Demonstrate and consistently use keyboarding skills.
- Use of Google Apps for Education to produce products.
- Use age appropriate vocabulary related to technology.



Music:

- Sing independently with 75% or better accuracy in two-part singing.
- Match pitch with 90% accuracy in unison singing.
- Master identification of: half notes, quarter notes, eighth notes, quarter rests, whole notes, half rests, whole rests, and eighth rests.
- Begin identifying sixteenth notes and rests, dotted notes/rests.
- Begin triple meter dictation.
- Identify simple melodic patterns using solfege with 80% accuracy.



Science:

- Rocks and Minerals-Investigates properties and formations of rocks and minerals. Students will perform experiments, have identification tests and make observations.
- Environment and Life-Plant & animal adaptations for survival, plant & animal interactions, life requirements, and changing environments.
- Health-Identifies factors related to good health.
- Physical Energy-Forms of energy, temperature, electrical circuits, magnets, light - conductive & reflective properties.
- Research and Inquiry-Describe a problem, its design, and its solution, understand methods of scientific inquiry, perform scientific investigations, work as a team to solve scientific problems, collect and interpret data, use scientific data to make reasonable explanations.
- Weather and Climate-Addresses atmospheric weather climate, weather instruments, the water cycle and environmental preservation.



Spanish:

- Comprehend simple sentences, based on known vocabulary.
- Read simple sentences, based on known vocabulary, when presented in age-appropriate literature.
- Verbalize in a manner that demonstrates understanding of the content.
- Integrate known vocabulary into simple written sentences with teacher assistance.



Writing:

- Correctly spell frequently encountered words in the context of writing.
- Compose narrative and informational pieces of writing.
- Apply the writing process to various forms of writing.
- Compose poetry after viewing a variety of poetry styles and formats.
- Create a narrative that illustrates setting, characters, theme, and plot.



Speaking:

- Speak effectively demonstrating proper grammar, appropriate body language, and in relation to the setting.



Listening:

- Listen to auditory text, while analyzing the message and demonstrating appropriate audience behaviors.
- Participate in small and large group discussions.



Research:

- Research issues using multiple and varied resources to discriminate importance and synthesize key ideas.

Social Studies Strands studied:

- The focus of the social studies curriculum for Grade Four is “Regions.” A comprehensive approach to creating learning opportunities within the disciplines of history, geography, civics, economics, inquiry and decision making will be most effective when integrated with the subjects of reading, writing, mathematics, science and the arts.
- Civics and Government (necessity of government, responsibility of its citizens, understand the purposes of laws).
- Economics (understand the difference between needs and wants, associate a service with a type of business, understand human, natural, and capital resources).
- Geography (identify the Northern, Southern, Eastern, and Western hemispheres, and the seven regions including identification of latitude and longitude).
- Historical Perspective (make inferences about historical events, use and organize information presented in a timeline, develop and research family history and present it in a timeline, read tables and graphs).
- United States History (understand the significance of historical figures, understand daily lives of Native Americans, understand movements of communities throughout our history).



Mathematics Strands studied:

- Algebraic Concepts (identify the missing part of an equation, compose problems and story problems requiring multiple operations, determine mathematical expressions from experiential rules).
- Data Interpretation (interpret information given in graph, chart and table form, determine the correct use of graphs, plots, and tables, read a diagram).
- Decimals (demonstrate a sense of how decimals are used to communicate information, add and subtract decimals, multiply a decimal number by a 1 digit whole number, identify the decimals that correspond to partially shaded figures, determine equivalent fractions and decimals).
- Fractions (use fractions to express proportions appropriately, add/subtract fractions with different denominators, reduce a fraction to its lowest terms, solve multiple step problems involving fractions).
- Geometry (explore properties of geometric figures, study right angle concepts, build and draw geometric figures with certain measurements, recognize congruent figures).
- Measurement (convert time between hours and minutes, find the perimeter of rectangles, compose and solve problems regarding perimeter and area, understand the concepts of volume, capacity, weight and area).
- Numeration (round whole numbers to the nearest 1000, use rounding to determine the difference of a given equation, justify the use of an estimate or an exact calculation for a problem).
- Probability/Statistics (create and carry out appropriate experiments to find the probability of a given event).
- Problem Solving (solve story problems which include irrelevant information, solve multi-step problems using addition, subtraction, multiplication and division).
- Whole Numbers (perform adding and subtracting whole numbers and money, multiplication/division on whole numbers, understand whole number operations as methods for solving real-world problems).
- Place value and money (can be used to write numbers in different but equivalent forms, compare an order numbers estimate how much, and dollars, dimes and pennies represent whole numbers, tenths, and hundredths in our decimal number system).

