

# Fowlerville Community Schools

## Curriculum Standards ~ Grade: 3<sup>rd</sup> Grade

### LANGUAGE ARTS

Reading	<p>1. TLW read and analyze classic and contemporary realistic fiction and folktale selections to identify story elements.</p> <p>2. TLW read informational selections and poetry, using a variety of reading strategies to construct meaning.</p> <p>3. TLW read orally with fluency and understanding, using phonological and structural analysis skills and context clues.</p> <p>4. TLW read, analyze, and summarize informational selections to identify central purpose, major ideas, and supporting details.</p>
Writing	<p>5. TLW write a letter to express appreciation, ask a question, or extend an invitation, using legible cursive handwriting.</p> <p>6. TLW process write a poem and a personal narrative.</p> <p>7. TLW write a summary, including a major idea and supporting details, based on informational text.</p> <p>8. TLW correctly spell words independently in written work.</p>
Listening	<p>9. TLW critically listen to informational text and record key information.</p> <p>10. TLW locate, select, retrieve, and present information on a topic, issue, or problem.</p>
Speaking	<p>11. TLW present a book talk, using verbal and nonverbal communication.</p> <p>12. TLW present a researched report on an informational topic, using appropriate verbal and non-verbal communication.</p>

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### MATHEMATICS

Number and Operations	<p>1. TLW read and write numbers to 10,000 in numerals and words and relate numbers to the quantities they represent, identify place value, use expanded notation, compare and order numbers, and differentiate numbers as odd or even.</p> <p>2. TLW add and subtract two numbers through 999 with regrouping and through 9,999 without regrouping and use mental strategies to add and subtract two-digit numbers.</p> <p>3. TLW estimate the sum and difference of two three-digit numbers using various strategies.</p> <p>4. TLW demonstrate the concepts of multiplication as repeated addition and multiplication and division as inverse operations, and recall multiplication facts through ten times ten.</p> <p>5. Given a contextual situation, TLW use multiplication or division (including remainders) to solve problems.</p> <p>6. TLW mentally calculate simple products and quotients up to a three-digit number involving multiples of 10 by a one-digit number.</p> <p>7. Given problems that use any one of the four operations with appropriate numbers, TLW represent the problem with objects, solve, write a mathematical statement, and use the terms sum, difference, product, or quotient to describe the answer.</p> <p>8. TLW explain that fractions may represent a portion of a whole unit; compare and order fractions with denominators 2, 4, and 8; use equivalent fractions with denominators 2, 4, and 8; and add and subtract fractions with like denominators.</p>
Measurement	<p>9. Using common units of measurement including mixed units, TLW measure length, weight, and capacity; explain the relationships between sizes of standard units; and solve addition and subtraction problems of like measures.</p> <p>10. Using common units of time, TLW measure in mixed units for hours and minutes, minutes and seconds, and years and months; add and subtract mixed units of time; and solve applied problems.</p> <p>11. TLW read thermometers and use the concept of temperature to compare to benchmark temperatures and to solve real-life problems.</p> <p>12. TLW solve applied problems involving dollars and cents.</p> <p>13. TLW distinguish between perimeter and area, estimate and calculate the perimeter of polygons and area of rectangles, use the appropriate unit of measure, and solve related contextual problems.</p>
Geometry	<p>14. TLW recognize the basic elements of geometric shapes; identify, compare, classify, compose, and decompose two-dimensional shapes.</p> <p>15. TLW identify, describe, build and classify familiar three-dimensional solids based on their component parts (faces, parallel faces, surfaces, bases, edges, vertices).</p>
Data and Probability	<p>16. TLW construct, read and interpret bar graphs and use information in bar graphs to solve problems.</p>

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**SCIENCE**

Science Processes	1. TLW demonstrate an understanding that scientific inquiry and reasoning involves observing, questioning, investigating, recording, and developing solutions to problems by investigating gravity.
Physical Science	2. TLW describe the motion of objects in terms of speed, direction, and the forces exerted on the object. 3. TLW explain the properties of light and sound and how people perceive these forms of energy.
Life Science	4. TLW classify plants on the basis of observable physical characteristics and describe the function of plant parts. 5. TLW classify animals on the basis of observable physical characteristics and relate those characteristics to their functions. 6. TLW relate characteristics and functions of observable structures of plants and animals that allow them to live in their environment.
Earth Science	7. TLW identify and describe different types of materials from the Earth and their uses. 8. TLW identify and describe natural causes of change in the Earth's surface. 9. TLW identify and classify renewable and nonrenewable natural resources and describe the human impact on the environment.

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**SOCIAL STUDIES**

History	1. TLW use historical thinking and primary and secondary sources to construct a narrative of Michigan's history from American Indians to statehood.
Geography	2. TLW describe diverse groups in Michigan, why they chose to live here, and how they have preserved and built upon their cultural heritage. 3. TLW identify physical (natural) and human characteristics of Michigan to describe regional classification(s) and human interaction with the environment.
Civics and Government	4. TLW identify and explain the purpose and function of Michigan's government.
Economics	5. TLW identify and explain economic activity in Michigan including interdependence and global connections. 6. TLW analyze how Michigan's location and natural resources influence entrepreneurial economic activity.
Public Discourse, Decision Making, and Citizen Involvement	7. TLW identify a public policy issue in Michigan, analyze information to solve it, and present the solution to inform others.