



CURRICULUM  
MATERIALS  
& RESOURCES



Kindergarten - 3rd Grade		English Language Arts Curriculum + Materials/Resources	
Reading	Writing	Language	Speaking & Listening
<p><b>Heggerty Phonemic Awareness</b> <i>short vowel sounds, consonant blends, and phonetic combinations</i></p> <p><b>Montessori Waseca Reading Program</b> <i>systematic and sequential presentation of the phonetic elements</i></p> <p><b>FAST Reading Instruction</b> <i>explicit, systematic process of teaching reading, writing, and spelling</i></p> <p><b>Guided Reading Groups</b> <i>using data for small group instruction, building fluent and skilled readers</i></p> <p><b>Interactive Read-Aloud</b> <i>method of reading a book aloud with modeling key components of reading</i></p> <p><b>Freckle Education</b> <i>online differentiated reading passages</i></p>	<p><b>4 Square Writing</b> <i>scaffolding graphic organizer used to develop complete paragraphs for various text types and purposes</i></p> <p><b>Journal Writing</b> <i>relaxed format that provides a non-threatening way to be able to explore different thoughts, ideas and topics</i></p> <p><b>Poetry</b> <i>lessons, activities, units</i></p> <p><b>Handwriting Practice</b> <i>multi-sensory, developmentally appropriate strategies to increase success with early writing skills</i></p>	<p><b>Montessori Parts of Speech</b> <i>hands-on material for the nine parts of speech (functions of words)</i></p> <p><b>Montessori Sentence Analysis</b> <i>hands-on material for diagramming simple sentences</i></p> <p><b>Montessori Word Study</b> <i>hands-on material for studying the English language and developing vocabulary</i></p> <p><b>Spiral Language Levels</b> <i>incremental instruction and daily practice for mastery-based learning</i></p> <p><b>Words Their Way</b> <i>developmental spelling, phonics, and vocabulary program</i></p> <p><b>Freckle Education</b> <i>online differentiated word study tool</i></p>	<p><b>Montessori Grace and Courtesy Lessons</b> <i>role-play for how to participate in the learning environment</i></p> <p><b>Montessori Peace Education Initiatives</b> <i>problem-solving, empathy, cooperative learning, conflict-resolution skills</i></p> <p><b>Author's Chair + Reader's Theater</b> <i>sharing student writing or stories with intonation and prosody</i></p> <p><b>Project Presentations</b> <i>cross-curricular, multi-media presentations implanting public speaking and listening skills</i></p>

4th - 5th Grade		English Language Arts Curriculum + Materials/Resources	
Reading	Writing	Language	Speaking & Listening
<p><b>Literature Novels + Study Guides</b> <i>discuss a piece of literature in depth with a focus on key ideas/details, craft/structure, vocabulary, and text complexity</i></p> <p><b>Interactive Read-Aloud</b> <i>method of reading a book aloud with modeling key components of reading</i></p> <p><b>PQ3R + Partner Reading</b> <i>study strategy for non-fiction texts and developing oral reading fluency</i></p> <p><b>Newsela Current Events</b> <i>online differentiated reading passages</i></p>	<p><b>5 Box Writing Graphic Organizer</b> <i>scaffolding graphic organizer used to develop complete paragraphs for various text types and purposes</i></p> <p><b>Journal Writing</b> <i>relaxed format that provides a non-threatening way to be able to explore different thoughts, ideas and topics</i></p> <p><b>Poetry</b> <i>lessons, activities, units</i></p> <p><b>Handwriting Practice</b> <i>weekly practice to improve penmanship</i></p> <p><b>Writing Across the Content Areas</b> <i>written responses for science, social studies, history, and math</i></p>	<p><b>Montessori Parts of Speech</b> <i>hands-on material for the nine parts of speech (functions of words)</i></p> <p><b>Montessori Sentence Analysis</b> <i>hands-on material for diagramming simple sentences</i></p> <p><b>Freckle Education (as needed)</b> <i>online differentiated word study tool</i></p>	<p><b>Montessori Grace and Courtesy Lessons</b> <i>role-play for how to participate in the learning environment</i></p> <p><b>Montessori Peace Education Initiatives</b> <i>problem-solving, empathy, cooperative learning, conflict-resolution skills</i></p> <p><b>Author's Chair + Reader's Theater</b> <i>sharing student writing or stories with intonation and prosody</i></p> <p><b>Project Presentations</b> <i>cross-curricular, multi-media presentations implanting public speaking and listening skills</i></p>



6th - 8th Grade		English Language Arts Curriculum + Materials/Resources	
Reading	Writing	Language	Speaking & Listening
<p><b>Literature Novels + Study Guides</b> <i>discuss a piece of literature in depth with a focus on key ideas/details, craft/structure, vocabulary, and text complexity</i></p> <p><b>PQ3R Reading</b> <i>study strategy for non-fiction texts and developing oral reading fluency</i></p> <p><b>Newsela Current Events</b> <i>online differentiated reading passages</i></p> <p><b>Reading Buddies + Mentoring</b> <i>pairing older and younger students together to read aloud to each other, benefiting both students' skills.</i></p>	<p><b>5 Box Writing Graphic Organizer</b> <i>scaffolding graphic organizer used to develop complete paragraphs for various text types and purposes</i></p> <p><b>No Red Ink</b> <i>online writing practice that builds stronger writers through interest-based curriculum and adaptive exercises</i></p> <p><b>Journal Writing</b> <i>relaxed format that provides a non-threatening way to be able to explore different thoughts, ideas and topics</i></p> <p><b>Poetry</b> <i>lessons, activities, units</i></p> <p><b>Writing Across the Content Areas</b> <i>written responses for science, social studies, history, and math</i></p>	<p><b>Spiral Language Levels</b> <i>incremental instruction and daily practice for mastery-based learning</i></p> <p><b>Greek &amp; Latin Practice</b> <i>students analyze multisyllabic words and identify Greek &amp; Latin roots</i></p> <p><b>Language Presentations</b> <i>grammar, word study, figures of speech, analogies, and vocabulary</i></p>	<p><b>Montessori Grace and Courtesy Lessons</b> <i>role-play for how to participate in the learning environment</i></p> <p><b>Montessori Peace Education Initiatives</b> <i>problem-solving, empathy, cooperative learning, conflict-resolution skills</i></p> <p><b>Author's Chair + Reader's Theater</b> <i>sharing student writing or stories with intonation and prosody</i></p> <p><b>Project Presentations</b> <i>cross-curricular, multi-media presentations implanting public speaking and listening skills</i></p>



K - 8th Grade		Mathematics Curriculum + Materials/Resources	
K - 1st Grade	2nd - 3rd Grade	4th - 5th Grade	6th - 8th Grade
<p><b>Montessori Math Sequence</b> <i>presentations and follow-up works with auto-didactic, hands-on materials for mastery-based learning</i></p> <p><b>Daily Math Warmup-Up (CCSS)</b> <i>incremental instruction and weekly practice for mastery-based learning</i></p> <p><b>Fact Practice + Xtra Math</b> <i>students master addition, subtraction, multiplication, and division facts</i></p> <p><b>Beatles Math Songs</b> <i>math facts, prime/composite numbers, area/perimeter/volume, angles, etc.</i></p>	<p><b>Montessori Math Sequence</b> <i>presentations and follow-up works with auto-didactic, hands-on materials for mastery-based learning</i></p> <p><b>Common Core Math Units</b> <i>Weekly math lessons on a single Common Core math standard. Units include "I can" statements, follow-up work with manipulatives, task cards, and a formative assessment. All grade-level standards are covered.</i></p> <p><b>Spiral Math Levels</b> <i>incremental instruction and weekly practice for mastery-based learning</i></p> <p><b>Fact Practice + Xtra Math</b> <i>students master addition, subtraction, multiplication, and division facts</i></p> <p><b>Freckle Math or MAP Accelerator</b> <i>online differentiated math levels for individual student growth</i></p> <p><b>Beatles Math Songs</b> <i>math facts, prime/composite numbers, area/perimeter/volume, angles, etc.</i></p>	<p><b>Common Core Math Units</b> <i>Weekly math lessons on a single Common Core math standard. Units include "I can" statements, follow-up work with manipulatives, task cards, and a formative assessment. All grade-level standards are covered.</i></p> <p><b>MAP Accelerator</b> <i>online differentiated math levels for individual student growth</i></p> <p><b>Montessori Math Materials</b> <i>hands-on experiences for mastery-based learning</i></p> <p><b>Spiral Math Levels</b> <i>incremental instruction and weekly practice for mastery-based learning</i></p> <p><b>Fact Practice + Xtra Math</b> <i>students master addition, subtraction, multiplication, and division facts</i></p> <p><b>Beatles Math Songs</b> <i>math facts, prime/composite numbers, area/perimeter/volume, angles, etc.</i></p>	<p><b>"Big Ideas" Math Curriculum</b> <i>Common Big Ideas Math programs use a Universal Design for Learning to create a fun and innovative program that uses hands-on activities and scaffolded instruction. This allows for balanced lessons with built-in Learning targets and success criteria help to focus student learning and make learning visible to teachers and students. Explorations help students develop a growth mindset by engaging them in productive struggle, leading to conceptual understanding. With a strong emphasis on problem solving in the classroom, students can transfer their mathematical knowledge to new concepts and apply their understanding to real-life situations.</i></p> <p><b>MAP Accelerator</b> <i>online differentiated math levels for individual student growth</i></p> <p><b>Algebra I Course</b> <i>online course for advanced 8th graders, participating students receive high school credit</i></p>



<b>K - 8th Grade</b>		<b>Social Studies Curriculum + Materials/Resources</b>	
<b>K - 1st Grade</b>	<b>2nd - 3rd Grade</b>	<b>4th - 5th Grade</b>	<b>6th - 8th Grade</b>
<p><b>Montessori Cosmic Education</b> <i>"Great Lessons" give a big picture perspective to mentally organize new information and stress the interconnections between all things</i></p> <p><b>Montessori Fundamental Needs</b> <i>shelter, food, clothing, transportation, defense (safety, protection), communication, love, spirituality/religion, culture/arts/music</i></p> <p><b>Montessori Geography Material</b> <i>map-making, continents, countries</i></p> <p><b>Holidays</b> <i>identify the events or people celebrated and why we honor them</i></p> <p><b>Read-Alouds + Non-Fiction Texts</b> <i>integrate history, environment, society, citizenship, government, economics</i></p>	<p><b>Montessori Cosmic Education</b> <i>"Great Lessons" give a big picture perspective to mentally organize new information and stress the interconnections between all things</i></p> <p><b>Montessori Fundamental Needs</b> <i>shelter, food, clothing, transportation, defense (safety, protection), communication, love, spirituality/religion, culture/arts/music</i></p> <p><b>Montessori Geography Material</b> <i>map-making, 50 states, regions</i></p> <p><b>Project-Based Learning</b> <i>Native Americans, cultures, colonial America, national symbols, citizenship, economics, immigration, Michigan history, public issues</i></p> <p><b>Read-Alouds + Non-Fiction Texts</b> <i>integrate history, environment, society, citizenship, government, economics</i></p>	<p><b>Montessori Cosmic Education</b> <i>"Great Lessons" give a big picture perspective to mentally organize new information and stress the interconnections between all things</i></p> <p><b>Project-Based Learning</b> <i>biomes of the world, US geography, economics, US history, government, Michigan history, financial skills/literacy</i></p> <p><b>Read-Alouds + Non-Fiction Texts</b> <i>integrate history, environment, society, citizenship, government, economics</i></p>	<p><b>Project-Based Learning</b> <i>5 themes of geography, how to read a map, latitude/longitude, physical geography, cultural geography, regions of the world, physical/human systems, human-environment interaction, imperialism, colonialism, impact of geography on human history (focus: guns, germs, steel)</i></p> <p><b>Montessori Imaginary Island</b> <i>cross-curricular project as a culmination of the elementary geography study and synthesizes the concepts from a variety of geographical studies, civics and government, economics, public issues, persuasive communication</i></p> <p><b>World History</b> <i>pre-history, first civilizations, the middle ages, renaissance and reformation, age of exploration, revolution and enlightenment, era of imperialism, world conflicts/early 20th century, post-world war two, the world from 1945 to today</i></p> <p><b>United States History</b> <i>prehistory to early 1600s, colonial America, the Revolution, American expansion, Civil War, Reconstruction</i></p> <p><b>Public Discourse and Civic Participation</b> <i>mock trials, debates, public issues, current events, civic participation, roles and functions of government, values and principles of American Democracy, role of the citizen in the USA</i></p>



K - 8th Grade		Science Curriculum + Materials/Resources	
K - 1st Grade	2nd - 3rd Grade	4th - 5th Grade	6th - 8th Grade
<p>Mystery Science Units</p> <p>FORCE OLYMPICS</p> <p>SPINNING SKY</p> <p>WEATHER WATCHING</p> <p>LIGHT AND SOUNDS</p> <p>PLANT AND ANIMAL SECRETS</p> <p>PLANT AND ANIMAL SUPERPOWERS</p>	<p>Mystery Science Units</p> <p>PLANT ADVENTURES</p> <p>POWER OF FLOWERS</p> <p>WORK OF WATER</p> <p>INVISIBLE FORCES</p> <p>MATERIAL MAGIC</p> <p>STORMY SKIES</p> <p>ANIMAL ADVENTURE</p> <p>ANIMALS THROUGH TIME</p>	<p>Mystery Science Units</p> <p>BIRTH OF ROCKS</p> <p>SPACESHIP EARTH</p> <p>ENERGIZING EVERYTHING</p> <p>WEB OF LIFE</p> <p>HUMAN MACHINE</p> <p>CHEMICAL MAGIC</p> <p>WAVES OF SOUND</p> <p>WATERY PLANET</p>	<p>FOSS Science Units/Kits</p> <p>WEATHER AND WATER</p> <p>DIVERSITY OF LIFE</p> <p>HUMAN SYSTEMS INTERACTIONS</p> <p>CHEMICAL INTERACTIONS</p> <p>POPULATIONS AND ECOSYSTEMS</p> <p>ELECTROMAGNETIC FORCE</p> <p>GRAVITY AND KINETIC ENERGY</p> <p>WAVES</p> <p>PLANETARY SCIENCE</p>