

## Brewton Elementary School Curriculum Resources

### Kindergarten

School-adopted curriculum programs and materials are outlined below.

| Program                   | Description   |
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| <b>Open Court Reading</b> | <p><b>Open Court Reading (OCR)</b> is a research-based curriculum for grades K–5 that helps students develop reading, writing, and language arts skills. The program is based on learning theory and cognitive science, also known as the Science of Reading, and uses a systematic approach to teaching. OCR is designed to help students become strong readers, writers, and thinkers, and to prepare them for a lifetime of literacy and learning.</p> <p>The goal of the Open Court Reading Curriculum for kindergarten is to provide a comprehensive, research-based approach to early literacy that helps young children develop strong reading and language skills. Key objectives include:</p> <ol style="list-style-type: none"><li>1. <b>Phonemic Awareness:</b> Teaching children to recognize and manipulate sounds in words, which is essential for reading.</li><li>2. <b>Phonics Instruction:</b> Introducing letter-sound relationships to help students decode words effectively.</li><li>3. <b>Vocabulary Development:</b> Expanding students’ vocabulary through exposure to a rich variety of texts and language experiences.</li><li>4. <b>Reading Comprehension:</b> Fostering understanding of stories and informational texts through discussion and critical thinking activities.</li><li>5. <b>Writing Skills:</b> Encouraging children to express themselves through writing, helping them connect reading and writing as complementary skills.</li><li>6. <b>Engagement and Motivation:</b> Using engaging stories, visuals, and interactive activities to captivate students’ interest and foster a love of reading.</li></ol> <p>Overall, Open Court aims to create a strong foundation in literacy, preparing kindergarten students for future academic success.</p> <p>This program includes resources online, available through the student portal in Clever.</p> <p><a href="https://www.mheducation.com/prek-12/program/microsites/MKTSP-THA19M01.html">https://www.mheducation.com/prek-12/program/microsites/MKTSP-THA19M01.html</a></p> <p><a href="https://www.mheducation.com/unitas/school/explore/sites/ocr/open-court-scope-sequence.pdf">https://www.mheducation.com/unitas/school/explore/sites/ocr/open-court-scope-sequence.pdf</a></p> <p><a href="https://www.mheducation.com/unitas/school/explore/sites/ocr/literature-lists-grade-k.pdf">https://www.mheducation.com/unitas/school/explore/sites/ocr/literature-lists-grade-k.pdf</a></p> |

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| <p><b>Phonics First</b></p>                          | <p><b>Phonics First</b> is a multisensory, systematic, structured, phonics-based, direct-instruction approach that emphasizes a balance of reading and spelling for mastery of phonetic and non-phonetic words. Lessons also include structured syllabication study for decoding mastery of multisyllabic words.</p> <p>The goal of Phonics First for kindergarten is to establish a solid foundation in phonics and early literacy skills through systematic and explicit instruction. Key objectives include:</p> <ol style="list-style-type: none"> <li>1. <b>Phonemic Awareness:</b> Helping children recognize and manipulate sounds in words, which is crucial for reading.</li> <li>2. <b>Phonics Instruction:</b> Teaching the relationship between letters and sounds to enable children to decode words effectively.</li> <li>3. <b>Reading Fluency:</b> Supporting the development of fluent reading through practice with phonetic patterns and sight words.</li> <li>4. <b>Spelling Skills:</b> Encouraging children to apply their phonics knowledge to spell words correctly.</li> <li>5. <b>Comprehension:</b> Enhancing reading comprehension by integrating phonics with meaning-making strategies.</li> <li>6. <b>Engagement:</b> Using interactive and engaging activities to keep children motivated and interested in learning.</li> </ol> <p>Overall, Phonics First aims to create confident readers and writers by equipping kindergarten students with the essential skills needed for literacy development. This program is used as our state-approved intervention program.</p> <p><a href="https://tinyurl.com/5ee5jwzy">https://tinyurl.com/5ee5jwzy</a></p> |
| <p><b>Heggerty Phonemic Awareness Curriculum</b></p> | <p><b>Heggerty Phonemic Awareness Curriculum</b> provides 35 weeks of daily lessons, focusing on eight phonemic awareness skills, along with two additional activities to develop letter and sound recognition, and language awareness. Lessons are designed for a classroom setting, and only take 10-12 minutes.</p> <p>The goal of Heggerty Phonemic Awareness for kids is to develop essential phonemic awareness skills that are crucial for reading success. Key objectives include:</p> <ol style="list-style-type: none"> <li>1. <b>Sound Recognition:</b> Helping children identify and manipulate individual sounds in words, which is foundational for reading and spelling.</li> <li>2. <b>Listening Skills:</b> Enhancing auditory discrimination by focusing on sounds rather than letters.</li> <li>3. <b>Word Play:</b> Encouraging playful activities that involve rhyming, blending, segmenting, and deleting sounds.</li> <li>4. <b>Foundational Literacy Skills:</b> Building a strong base for future reading and writing by focusing on the sounds of language.</li> <li>5. <b>Engagement and Fun:</b> Using engaging activities and routines to keep children motivated and interested in learning.</li> </ol>   |

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|   | <p>Overall, Heggerty aims to prepare children for reading by equipping them with critical phonemic awareness skills in a fun and interactive manner.</p> <p><a href="https://heggerty.org/">https://heggerty.org/</a></p>   |
| <p><b>STAR 360 Assessment Suite</b></p> | <p><b>STAR 360 Assessment Suite</b> includes STAR Reading, STAR Math, STAR Early Literacy, STAR CBM, STAR Custom, and STAR Spanish. All components guide students toward greater reading and math growth with computer adaptive and/or customizable assessments that are fast, accurate, and easy to administer.</p> <p>The goal of the STAR Early Literacy Assessment is to evaluate and monitor the early literacy skills of young children, typically in pre-kindergarten and kindergarten. Key objectives include:</p> <ol style="list-style-type: none"> <li>1. <b>Identifying Skill Levels:</b> Assessing children's phonemic awareness, phonics, vocabulary, and comprehension skills to determine their current literacy abilities.</li> <li>2. <b>Personalized Instruction:</b> Providing data that educators can use to tailor instruction to meet individual student needs, ensuring that each child receives appropriate support.</li> <li>3. <b>Monitoring Progress:</b> Tracking student growth over time to inform instructional strategies and interventions, helping teachers adjust their approaches as needed.</li> <li>4. <b>Early Intervention:</b> Identifying children who may need additional support or resources to prevent literacy challenges later on.</li> <li>5. <b>Engagement:</b> Using an interactive and user-friendly format that keeps young learners engaged during the assessment process.</li> </ol> <p>Overall, the STAR Early Literacy Assessment aims to support early literacy development by providing valuable insights into each child's strengths and areas for improvement.</p> <p><a href="https://www.renaissance.com/products/star-assessments/">https://www.renaissance.com/products/star-assessments/</a></p> |
| <p><b>Reading Eggs</b></p>              | <p><b>Reading Eggs</b> is an online program designed to help children develop their reading skills through interactive lessons and engaging activities. Its main goals include:</p> <ol style="list-style-type: none"> <li>1. <b>Building Phonics Skills:</b> Teaching the sounds of letters and how to blend them to form words.</li> <li>2. <b>Vocabulary Development:</b> Expanding children's vocabulary through a variety of texts and exercises.</li> <li>3. <b>Comprehension Skills:</b> Encouraging understanding of texts through reading comprehension activities.</li> <li>4. <b>Motivation and Engagement:</b> Using games, rewards, and fun visuals to keep children interested and motivated to learn.</li> <li>5. <b>Personalized Learning:</b> Adapting to each child's individual learning pace and needs.</li> </ol> <p>Overall, the program aims to foster a love of reading and improve literacy skills in young learners.</p>  |

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|  | <a href="https://readingeggs.com/">https://readingeggs.com/</a>   |
| <b>Eureka Math</b>                       | <p><b>Eureka Math</b> is a research-based math intervention program designed to support students who are struggling with elementary arithmetic. With an emphasis on Number and Operations, the program helps students build a strong foundation in computation, number sense, and problem solving for immediate and long-term learning</p> <p>The goal of Eureka Math in kindergarten is to build a strong foundation in mathematical concepts through a comprehensive, coherent, and engaging curriculum. Key objectives include:</p> <ol style="list-style-type: none"> <li>1. <b>Conceptual Understanding:</b> Helping children understand fundamental math concepts, such as numbers, counting, and basic operations.</li> <li>2. <b>Problem Solving:</b> Encouraging critical thinking and problem-solving skills through real-world applications and various strategies.</li> <li>3. <b>Mathematical Language:</b> Promoting the use of precise mathematical vocabulary to enhance communication and understanding.</li> <li>4. <b>Fluency with Numbers:</b> Developing number sense and fluency in basic arithmetic, such as addition and subtraction.</li> <li>5. <b>Engagement:</b> Using hands-on activities, visuals, and collaborative learning to make math enjoyable and relevant.</li> <li>6. <b>Growth Mindset:</b> Fostering a positive attitude toward math, encouraging students to persevere and enjoy the learning process.</li> </ol> <p>Overall, Eureka Math aims to provide a solid foundation for future mathematical learning by emphasizing understanding, application, and engagement in early education.</p> <p><a href="https://greatminds.org/math/eurekamath">https://greatminds.org/math/eurekamath</a></p> <p><a href="https://tinyurl.com/2pt78d3n">https://tinyurl.com/2pt78d3n</a></p> |
| <b>Forefront Early Numeracy Screener</b> | <p><b>Forefront Early Numeracy Screener</b> is an assessment tools used to assess student’s foundational numeracy skills.</p> <p>The goal of the Forefront Early Numeracy Screener is to assess and monitor young children's mathematical understanding and skills, particularly in preschool and kindergarten. Key objectives include:</p> <ol style="list-style-type: none"> <li>1. <b>Identifying Numeracy Skills:</b> Evaluating children's foundational math skills, such as number recognition, counting, and basic operations.</li> <li>2. <b>Informing Instruction:</b> Providing data to help educators tailor their teaching strategies to meet the specific needs of each child, ensuring effective instruction.</li> <li>3. <b>Monitoring Progress:</b> Tracking growth in mathematical understanding over time to help identify areas of improvement and adjust interventions as necessary.</li> <li>4. <b>Early Intervention:</b> Identifying children who may need additional support in math to prevent future difficulties and promote confidence in their abilities.</li> </ol>   |

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|  | <p>5. <b>Engagement:</b> Using a child-friendly and interactive format to keep students engaged during the assessment process.</p> <p>Overall, the Forefront Early Numeracy Screener aims to support early math development by providing insights that guide instruction and foster a strong foundation in numeracy skills.</p> <p><a href="https://forefront.education/forefront-early-numeracy-screener/">https://forefront.education/forefront-early-numeracy-screener/</a></p>  |
| <p><b>Hand2Mind Daily Math Fluency Kit</b></p> | <p>The <b>Hand2Mind Daily Math Fluency Kit</b> provides center activities and materials to reinforce and support students’ skill and mathematical strategy mastery.</p> <p>The <b>Hand2Mind Daily Math Fluency Kit</b> for Kindergarten aims to build foundational math skills in young learners through daily practice. The main goals of the kit are:</p> <ol style="list-style-type: none"> <li>1. <b>Develop Fluency with Numbers:</b> It helps students gain confidence and accuracy in basic number recognition, counting, and simple operations (like addition and subtraction).</li> <li>2. <b>Improve Mental Math Skills:</b> The kit encourages the development of mental math strategies, such as counting on, making ten, and subitizing (recognizing small quantities without counting).</li> <li>3. <b>Promote Conceptual Understanding:</b> It provides hands-on activities that help students understand mathematical concepts, rather than just memorizing facts.</li> <li>4. <b>Encourage Math Discourse:</b> The kit also focuses on helping students articulate their thought processes and strategies, fostering communication skills in math discussions.</li> </ol> <p>Overall, it promotes early mathematical thinking and problem-solving abilities in a structured and engaging way for kindergarten students.</p> <p><a href="https://www.hand2mind.com/item/daily-math-fluency-kit-grade-k">https://www.hand2mind.com/item/daily-math-fluency-kit-grade-k</a></p> |
| <p><b>Math Seeds</b></p>                       | <p>The goal of the <b>Math Seeds</b> online program is to help young children develop essential math skills through interactive and engaging activities. Key objectives include:</p> <ol style="list-style-type: none"> <li>1. <b>Foundational Math Skills:</b> Teaching basic concepts like counting, addition, subtraction, and number recognition.</li> <li>2. <b>Problem-Solving:</b> Encouraging critical thinking and problem-solving abilities through various challenges.</li> <li>3. <b>Conceptual Understanding:</b> Helping children grasp mathematical concepts through hands-on learning and visual aids.</li> <li>4. <b>Engagement and Motivation:</b> Using games, rewards, and colorful animations to make learning math enjoyable and keep kids motivated.</li> <li>5. <b>Personalized Learning:</b> Adapting to each child's learning pace and style to ensure effective progress.</li> </ol>   |

Overall, Math Seeds aims to build confidence and a solid foundation in mathematics, fostering a positive attitude towards the subject as children grow.

<https://mathseeds.com/>

#### AMSTI Science

**AMSTI**, formally the Alabama Math, Science, and Technology Initiative, is the Alabama Department of Education's initiative to improve STEM teaching statewide, including improvements in the individual, as well as the integrated, STEM subjects. AMSTI supports educators and students in learning STEM through doing STEM by providing teaching material, professional learning, resources, and onsite support.

The goal of the Alabama Math, Science, and Technology Initiative (AMSTI) for kids is to enhance science education through hands-on, inquiry-based learning experiences. Key objectives include:

1. **Engagement in Science:** Inspiring curiosity and interest in scientific concepts through interactive experiments and activities.
2. **Critical Thinking Skills:** Encouraging students to ask questions, analyze data, and develop problem-solving abilities.
3. **Understanding Scientific Concepts:** Helping students grasp key science concepts in a practical and meaningful way.
4. **Collaboration and Communication:** Promoting teamwork and communication skills as students work together on projects and investigations.
5. **Real-World Connections:** Relating science learning to real-life situations, making it relevant and applicable to students' everyday lives.

Overall, AMSTI aims to foster a strong foundation in science, helping students develop a lifelong appreciation for the subject while preparing them for future academic challenges.

<https://www.amsti.org/science>