

Brewton Elementary School Curriculum Resources

2nd Grade

School-adopted curriculum programs and materials are outlined below.

Program	Description
Open Court Reading	<p>Open Court Reading (OCR) is a research-based curriculum for grades K–5 that helps students develop reading, writing, and language arts skills. The program is grounded in 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 2nd Grade is to provide a comprehensive, research-based approach to literacy that supports children in developing advanced reading and language skills. Key objectives include:</p> <ol style="list-style-type: none">1. Phonemic Awareness: Reinforcing students' ability to recognize and manipulate sounds in words, which continues to be essential for proficient reading.2. Phonics Instruction: Expanding letter-sound knowledge, focusing on more complex spelling patterns and word structures to enhance students' decoding skills.3. Vocabulary Development: Broadening students' vocabulary through exposure to a variety of texts, word study, and language-rich activities, helping them better understand and use new words.4. Reading Comprehension: Strengthening students' ability to comprehend both literary and informational texts through discussions, questioning, and critical thinking activities, helping them make connections and draw inferences.5. Writing Skills: Encouraging students to write more structured pieces, such as narratives, informational texts, and opinion writing, integrating reading and writing as complementary skills.6. Engagement and Motivation: Utilizing engaging stories, visuals, and interactive activities to keep students excited about reading while fostering a love for literature. <p>Overall, Open Court aims to build a strong foundation in literacy, preparing 2nd-grade students for future academic success through a systematic, engaging approach.</p> <p>This program includes resources available online through the student portal in Clever.</p> <p>https://www.mheducation.com/prek-12/program/microsites/MKTSP-THA19M01.html</p>

<https://www.mheducation.com/unitas/school/explore/sites/ocr/open-court-scope-sequence.pdf>

<https://www.mheducation.com/unitas/school/explore/sites/ocr/literature-lists-grade-2.pdf>

Phonics First is a multisensory, systematic, structured, phonics-based, direct-instruction approach that emphasizes a balance of reading and spelling for mastery of both phonetic and non-phonetic words. Lessons also include structured syllabication study to support decoding mastery of multisyllabic words.

The goal of Phonics First for 2nd Grade is to strengthen students' phonics knowledge and literacy skills through systematic and explicit instruction. Key objectives include:

1. **Phonemic Awareness:** Reinforcing students' ability to recognize and manipulate sounds in words, which is critical for advancing reading proficiency in 2nd grade.
2. **Phonics Instruction:** Expanding the understanding of letter-sound relationships, focusing on more complex phonetic patterns and multisyllabic words, enabling students to decode words with greater accuracy.
3. **Reading Fluency:** Supporting the development of fluent reading through continued practice with phonetic patterns, sight words, and more challenging texts.
4. **Spelling Skills:** Encouraging students to apply their advanced phonics knowledge to spell both regular and irregular words correctly, enhancing written communication skills.
5. **Comprehension:** Integrating phonics instruction with comprehension strategies to help students understand the meaning of texts while improving decoding and fluency skills.
6. **Engagement:** Using interactive and engaging activities, such as multisensory learning tools, to keep students motivated and invested in their literacy growth.

Overall, Phonics First aims to create confident readers and writers by equipping 2nd Grade students with the essential skills necessary for continued literacy development. This program serves as our state-approved intervention program.

<https://brainspring.com/phonics-first-reading-system/>

<https://tinyurl.com/5ee5jwzy>

Phonics First

**STAR 360
Assessment
Suite**

STAR 360 Assessment Suite includes STAR Reading, STAR Math, STAR Early Literacy, STAR CBM, STAR Custom, and STAR Spanish. All components guide 2nd-grade students toward greater reading and math growth with computer-adaptive and/or customizable assessments that are fast, accurate, and easy to administer.

The goal of the STAR 2nd Grade Assessments is to evaluate and monitor the foundational literacy and math skills of young learners in 2nd grade. Key objectives include:

1. **Identifying Skill Levels:** Assessing students' phonemic awareness, phonics, vocabulary, comprehension skills, and basic math concepts (such as number sense, operations, and measurement) to determine their current academic abilities.
2. **Personalized Instruction:** Providing data that educators can use to tailor instruction to meet individual student needs, ensuring that each child receives appropriate support in reading and math development.
3. **Monitoring Progress:** Tracking student growth over time to inform instructional strategies and interventions. Teachers can adjust their approaches to maximize student progress and meet grade-level expectations.
4. **Early Intervention:** Identifying students who may need additional support in literacy and math to address learning gaps early, helping prevent academic challenges later on.
5. **Engagement:** Using an interactive and user-friendly format that keeps 2nd-grade learners engaged during the assessment process, fostering a positive attitude toward learning.

Overall, the STAR 2nd Grade Assessments aim to support foundational academic development by providing valuable insights into each student's strengths and areas for improvement.

<https://www.renaissance.com/products/star-assessments/>

**Heggerty
Phonemic
Awareness
Curriculum**

The **Heggerty Phonemic Awareness Curriculum** for 2nd Grade provides 35 weeks of daily lessons, focusing on eight phonemic awareness skills, along with additional activities to develop letter and sound recognition, and language awareness. Lessons are designed for a classroom setting and take only 10-12 minutes each day.

The goal of the Heggerty Phonemic Awareness Curriculum for 2nd Grade is to continue building essential phonemic awareness skills that are crucial for reading fluency and comprehension. Key objectives include:

1. **Advanced Sound Recognition:** Helping 2nd-grade students identify and manipulate individual sounds in increasingly complex words, strengthening their foundation for reading and spelling.

2. **Listening Skills:** Enhancing auditory discrimination by focusing on sounds within words, rather than focusing solely on letters, to improve decoding and spelling abilities.
3. **Word Play:** Engaging students in playful activities involving rhyming, blending, segmenting, and deleting sounds, now applied to more advanced word structures.
4. **Foundational Literacy Skills:** Reinforcing and expanding phonemic awareness to support reading fluency, spelling, and comprehension, building a strong foundation for continued literacy growth.
5. **Engagement and Fun:** Using interactive and engaging activities to keep 2nd-grade students motivated, while fostering a love for learning through consistent daily routines.

Overall, Heggerty aims to prepare 2nd-grade students for continued reading success by equipping them with advanced phonemic awareness skills in a fun, fast-paced, and interactive manner.

<https://heggerty.org/>

Accelerated Reader (AR) is a comprehensive reading program designed to enhance literacy skills in students by providing personalized reading practice tailored to their individual reading levels and interests. It promotes reading comprehension, fluency, and vocabulary expansion through engaging texts and regular assessments, fostering a love for reading while enabling educators to track student progress and tailor instruction effectively. By motivating students to set and achieve reading goals, AR aims to cultivate confident and enthusiastic readers.

The goals of the Accelerated Reader (AR) program for 2nd grade focus on developing early literacy skills and fostering a love for reading. Here are some key objectives:

Accelerated Reader (AR)

1. **Reading Comprehension:** To enhance students' understanding of texts by encouraging them to answer questions about what they read, promoting critical thinking and analysis.
2. **Personalized Reading Practice:** To provide students with individualized reading selections that match their reading levels and interests, helping to build confidence and motivation.
3. **Fluency Development:** To support the growth of reading fluency through regular practice with age-appropriate texts, allowing students to read smoothly and with expression.
4. **Vocabulary Expansion:** To help students increase their vocabulary by exposing them to a variety of texts and encouraging them to encounter and use new words in context.
5. **Motivation and Engagement:** To foster a love for reading by allowing students to choose books that interest them, and by providing incentives for achieving reading goals, which can motivate students to read more.

6. **Progress Monitoring:** To track students' reading progress through regular assessments and quizzes, providing data to inform instruction and identify areas where students may need additional support.

Overall, the Accelerated Reader program aims to create confident and enthusiastic readers in 2nd grade, laying a strong foundation for lifelong literacy.

<https://www.renaissance.com/products/accelerated-reader/>

myON Reader is a digital reading platform designed to promote literacy development by providing personalized access to a vast library of books tailored to each student's reading level and interests. It aims to foster a love for reading while enhancing comprehension, fluency, and vocabulary through engaging, interactive resources and regular progress monitoring. myON gives students access to thousands of enhanced digital titles—fiction, nonfiction, graphic novels, and more—at a wide range of reading levels, in English and Spanish.

The goals of myON for 2nd grade focus on fostering a love for reading and enhancing literacy skills through personalized digital reading experiences. Key objectives include:

1. **Personalized Reading:** To provide students with access to a wide range of books that match their reading levels and interests, promoting independent reading and engagement.
2. **Comprehension Skills:** To enhance students' understanding of texts through interactive features, such as vocabulary support and comprehension quizzes, which help reinforce learning.
3. **Fluency Development:** To encourage regular reading practice, helping students build fluency in their reading by exposing them to diverse genres and formats.
4. **Vocabulary Growth:** To expand students' vocabulary by providing exposure to new words and concepts in context, helping them develop language skills.
5. **Reading Engagement:** To create an enjoyable reading experience through multimedia resources, such as audio support and animated features, fostering a positive attitude toward reading.
6. **Progress Monitoring:** To track reading progress and comprehension over time, allowing educators to tailor instruction and support based on individual student needs.

Overall, myON aims to create a supportive and engaging reading environment for 2nd graders, promoting literacy development and a lifelong love for reading.

<https://www.myon.com/index.html>

**myON
Reader**

<p>Eureka Math</p>	<p>Eureka Math is a research-based math program designed to support 2nd-grade students in building a solid foundation in mathematics. With an emphasis on Number and Operations, the program helps students develop essential skills in computation, number sense, and problem-solving, preparing them for both immediate and long-term mathematical success.</p> <p>The goal of Eureka Math for 2nd Grade is to deepen students' understanding of mathematical concepts through a comprehensive, coherent, and engaging curriculum. Key objectives include:</p> <ol style="list-style-type: none"> 1. Conceptual Understanding: Helping 2nd-grade students understand key math concepts such as addition and subtraction within 100, place value to the hundreds, and the introduction of basic concepts in multiplication and division. 2. Problem Solving: Encouraging students to use critical thinking and apply a variety of strategies to solve real-world math problems, fostering a strong problem-solving mindset. 3. Mathematical Language: Promoting the use of precise mathematical vocabulary, such as "sum," "difference," "place value," "equation," and "skip counting," to enhance communication and understanding of mathematical concepts. 4. Fluency with Numbers: Developing fluency in basic arithmetic operations, including addition and subtraction within 100, and beginning to explore multiplication facts, all while strengthening number sense and mental math skills. 5. Engagement: Using hands-on activities, manipulatives, visuals, and collaborative learning experiences to make math enjoyable, engaging, and relevant to 2nd-grade learners. 6. Growth Mindset: Fostering a positive attitude toward math by encouraging persistence, confidence, and enjoyment in the learning process, even when faced with more challenging concepts. <p>Overall, Eureka Math aims to provide a solid foundation for future mathematical learning by emphasizing conceptual understanding, real-world application, and active engagement in 2nd grade.</p> <p>https://greatminds.org/math/eurekamath</p> <p>https://tinyurl.com/2dewduvx</p>
<p>Do the Math</p>	<p>Do the Math is a research-based math intervention program designed to help students build foundational math skills in areas such as addition, subtraction, and number sense. It provides step-by-step instruction and practice to develop fluency, confidence, and problem-solving abilities.</p> <p>The program aims to support students who may be struggling with math by offering engaging, hands-on activities that reinforce key concepts and promote long-term mathematical understanding. For a deeper understanding of the methods used in programs like Do the Math, you might explore research on early math intervention and</p>

	<p>fluency-building strategies, such as studies from the National Council of Teachers of Mathematics (NCTM) or resources on elementary math education from EdReports.</p> <p>https://www.heinemann.com/dothemath/</p>
<p>Forefront Early Numeracy Screener</p>	<p>The Forefront Early Numeracy Screener is an assessment tool used to evaluate the foundational numeracy skills of 2nd-grade students.</p> <p>The goal of the Forefront Early Numeracy Screener for 2nd Grade is to assess and monitor students' mathematical understanding and skills, focusing on more advanced concepts. Key objectives include:</p> <ol style="list-style-type: none"> 1. Identifying Numeracy Skills: Evaluating 2nd-grade students' foundational math skills, such as number recognition, counting, addition and subtraction within 100, place value, and an introduction to basic multiplication and division concepts. 2. Informing Instruction: Providing data to help educators tailor their teaching strategies to meet the specific needs of each student, ensuring effective and personalized instruction. 3. Monitoring Progress: Tracking growth in mathematical understanding over time to identify areas of improvement and make necessary adjustments to teaching methods or interventions. 4. Early Intervention: Identifying students who may need additional support in math to prevent future difficulties and foster confidence in their mathematical abilities. 5. Engagement: Utilizing a child-friendly and interactive format to keep 2nd-grade students engaged during the assessment process, encouraging a positive attitude toward math. <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 for 2nd-grade students.</p> <p>https://forefront.education/forefront-early-numeracy-screener/</p>
<p>Hand2Mind Daily Math Fluency Kit</p>	<p>The Hand2Mind Daily Math Fluency Kit provides center activities and materials to reinforce and support 2nd-grade students' mastery of mathematical skills and strategies.</p> <p>The Hand2Mind Daily Math Fluency Kit for 2nd Grade aims to build and enhance math skills in young learners through daily practice. The main goals of the kit are:</p> <ol style="list-style-type: none"> 1. Develop Fluency with Numbers: It helps 2nd-grade students gain confidence and accuracy in arithmetic operations, including addition and subtraction within 100, as well as place value and an introduction to basic multiplication facts.

2. **Improve Mental Math Skills:** The kit encourages the development of mental math strategies, such as counting on, making ten, doubles facts, and using arrays for multiplication, enabling students to solve problems efficiently.
3. **Promote Conceptual Understanding:** It provides hands-on activities that allow 2nd-grade students to explore and understand mathematical concepts deeply, such as comparing numbers, understanding basic fractions, and recognizing patterns, rather than relying solely on memorization.
4. **Encourage Math Discourse:** The kit also focuses on helping students articulate their thought processes and strategies, fostering communication skills during math discussions and collaborative problem-solving.

Overall, the Hand2Mind Daily Math Fluency Kit promotes mathematical thinking and problem-solving abilities in a structured and engaging way for 2nd-grade students.

<https://www.hand2mind.com/item/daily-math-fluency-kit-grade-2>

Nearpod is an interactive learning platform that allows teachers to create and deliver multimedia lessons that engage students in real time. It offers a variety of tools, such as quizzes, polls, videos, and virtual reality experiences, to make learning dynamic and personalized. Nearpod enhances student participation and provides teachers with instant feedback, helping them tailor instruction to meet the needs of their students.

The main goals of Nearpod for 2nd grade:

1. **Engage Learners:** Use interactive, multimedia lessons to capture students' attention and make learning more dynamic.
2. **Foster Critical Thinking:** Promote problem-solving and analytical skills through interactive activities like quizzes, polls, and open-ended questions.
3. **Enhance Participation:** Encourage active participation with tools that allow students to collaborate, draw, and share their ideas in real time.
4. **Provide Real-Time Feedback:** Offer instant feedback to teachers, helping them monitor student understanding and adjust instruction as needed.
5. **Support Diverse Learning Styles:** Accommodate various learning needs through a variety of content formats, including videos, virtual reality, and simulations.
6. **Build Technology Skills:** Help 2nd graders develop foundational digital literacy by using a user-friendly platform that supports their learning across subjects.

<https://nearpod.com/>

Nearpod

<p style="text-align: center;">Flocabulary</p>	<p>Flocabulary is an educational platform that uses hip-hop music, videos, and interactive activities to teach a wide range of subjects, including vocabulary, reading, social studies, math, and science. It helps students engage with core concepts through catchy, memorable songs that make learning fun and accessible. Flocabulary also supports vocabulary building, critical thinking, and creativity, while aligning with educational standards to reinforce classroom instruction.</p> <p>The goals for using Flocabulary in 2nd grade:</p> <ol style="list-style-type: none"> 1. Enhance Vocabulary Development: Help students expand their vocabulary through engaging songs and videos that introduce new words and concepts. 2. Promote Engagement: Utilize hip-hop music and interactive activities to make learning enjoyable and capture students’ attention. 3. Support Comprehension: Reinforce reading and listening skills by providing context and visual aids alongside lyrics to aid understanding. 4. Encourage Creativity: Foster creative expression by allowing students to create their own lyrics or rap about what they’ve learned. 5. Facilitate Collaboration: Promote teamwork and discussion as students work together on activities and share their interpretations of the material. 6. Align with Standards: Ensure that lessons align with educational standards, reinforcing core curriculum content in a fun and memorable way. <p>https://www.flocabulary.com/</p>
<p style="text-align: center;">Nearpod’s 21st Century Readiness Program</p>	<p>Nearpod's 21st Century Readiness program is designed to enhance students' learning experiences by integrating essential skills that are critical for success in today's world. The program focuses on fostering skills such as critical thinking, collaboration, communication, creativity, and digital literacy through interactive lessons and activities.</p> <p>Key features of the program include:</p> <ol style="list-style-type: none"> 1. Engagement: Interactive lessons that promote student participation and engagement through real-time assessments and feedback. 2. Collaboration: Opportunities for students to work together on projects and discussions, fostering teamwork and interpersonal skills. 3. Critical Thinking: Activities that challenge students to analyze, evaluate, and synthesize information, encouraging deeper understanding and problem-solving abilities. 4. Creativity: Incorporation of creative tasks that allow students to express their ideas and think outside the box. 5. Digital Literacy: Integration of technology to enhance learning, ensuring students are equipped with the necessary skills to navigate the digital world.

	<p>Overall, Nearpod's 21st Century Readiness program aims to prepare students for future academic and career success by equipping them with the skills needed to thrive in an increasingly complex and interconnected world.</p> <p>https://nearpod.com/21-century</p>
IXL	<p>IXL is an online learning platform that provides personalized practice in math, language arts, science, and social studies for BCS students in 2nd through 8th grades. It uses an adaptive learning approach to tailor questions to each student's skill level, offering immediate feedback and detailed explanations to enhance understanding. IXL also tracks progress over time, allowing educators and parents to monitor student growth and identify areas for improvement.</p> <p>The goals for using IXL:</p> <ol style="list-style-type: none"> 1. Personalized Learning: Provide customized practice that adapts to each student's skill level, ensuring targeted instruction that meets individual needs. 2. Skill Mastery: Help students master specific concepts and skills through practice questions that reinforce learning and build confidence. 3. Immediate Feedback: Offer instant feedback and detailed explanations for each answer, allowing students to understand their mistakes and learn from them. 4. Progress Tracking: Enable teachers and parents to monitor student progress over time, identifying strengths and areas that need improvement. 5. Engagement: Foster student engagement through interactive exercises and rewards that motivate learners to persist in their studies. 6. Comprehensive Curriculum Coverage: Ensure alignment with educational standards by covering a wide range of subjects and topics across grade levels. <p>https://www.ixl.com/</p>

AMSTI Science	<p>AMSTI, formally known as the Alabama Math, Science, and Technology Initiative, is the Alabama Department of Education's initiative to enhance STEM education statewide, including improvements in individual and integrated STEM subjects. AMSTI supports educators and students in learning STEM through hands-on, inquiry-based experiences by providing teaching materials, professional learning opportunities, resources, and onsite support.</p> <p>The goal of the Alabama Math, Science, and Technology Initiative (AMSTI) for 2nd graders is to enhance science education through engaging, hands-on learning experiences. Key objectives include:</p>
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	<ol style="list-style-type: none">1. Engagement in Science: Inspiring curiosity and interest in scientific concepts through interactive experiments and activities designed for 2nd-grade students.2. Critical Thinking Skills: Encouraging students to ask questions, analyze data, and develop problem-solving abilities as they engage in scientific inquiries.3. Understanding Scientific Concepts: Helping students grasp key science concepts, such as the properties of matter, basic ecosystems, and the scientific method, in a practical and meaningful way.4. Collaboration and Communication: Promoting teamwork and communication skills as students work together on projects, investigations, and presentations.5. Real-World Connections: Relating science learning to real-life situations and environments, making it relevant and applicable to students' everyday lives. <p>Overall, AMSTI aims to foster a strong foundation in science for 2nd-grade students, helping them develop a lifelong appreciation for the subject while preparing them for future academic challenges.</p> <p>https://www.amsti.org/science</p>
Studies Weekly Social Studies	<p>Studies Weekly Social Studies is the primary Social Studies curriculum for K-6th grade. The program offers a blended approach to social studies, through an online platform and printed weekly newspapers. The online platform extends learning through the use of primary sources and provides students an opportunity to respond to what is read.</p> <p>The goals of Studies Weekly Social Studies for 2nd grade are to introduce young students to foundational concepts in history, geography, civics, and culture. The program aims to build students' understanding of their community and the world around them, teaching topics like rules, citizenship, community roles, and basic map skills. It also promotes critical thinking, reading comprehension, and engagement through interactive lessons and activities tailored to 2nd-grade learners.</p> <p>https://www.studiesweekly.com/social-studies/</p>