

North Side Community School Curricular Resource Overview

Curriculum Selection	About the Curriculum
<p>K- 5 ELA Amplify CKLA</p>  <p>AmplifyCKLA</p>	<p>North Side Community School will be transitioning from the Journeys elementary ELA curriculum to Amplify CKLA during the 2023 – 2024 school year. This shift will ensure that students are receiving instruction that is aligned to the state standards and grade-level expectations in Missouri.</p> <p>CKLA is a comprehensive program (Preschool–Grade 5) for teaching reading, writing, listening, and speaking while also building students’ vocabulary and knowledge across essential domains in literature, world and American history, and the sciences. Built on the science of reading, Amplify Core Knowledge Language Arts (CKLA) sequences deep content knowledge with research-based foundational skills. Amplify CKLA inspires curiosity and drives results, empowering all students with rich background knowledge. The program provides engaging print and multimedia materials designed to provide a robust literacy-rich foundation in every North Side classroom. EdReports, an independent curriculum review nonprofit, rates ELA curriculum on three gateways: Text Quality, Building Knowledge, and Usability. Amplify CKLA earned a top rating in all three. CKLA is also vertically aligned to the Amplify ELA program that North Side students will use in 6th – 8th grade ELA courses. The instructional materials for Core Knowledge Language Arts K-5 meet expectations all criteria across Gateways 1, 2, and 3. The materials for K-5 include strong foundational skills to support young students' reading development as they move from learning how to read to comprehending complex texts. Support for teachers to attend to the critical need of foundational skills is explicit and comprehensive, providing guidance and targeted instruction. The texts included with the materials are rich and rigorous, offering students a balance of informational and literary reading over the course of the school year. The materials for K-2 meet the expectations of Gateway 2. Texts are organized to support students' building knowledge of different topics and sets of text-dependent questions and tasks provide opportunities for students to analyze ideas and grow their vocabulary. The materials include process writing instruction and a progression of writing skills, a progression of focused shared research and writing projects. The materials for K-5 meet the expectations of Gateway 3. Materials are well-designed and take into account effective lesson structure and pacing. Materials support teacher learning and understanding of the Standards. Materials offer teachers resources and tools to collect ongoing data about student progress on the Standards. Materials provide teachers with strategies for meeting the needs of a range of learners so that they demonstrate independent ability with grade-level standards. Materials support effective use of technology to enhance student learning. Digital materials are accessible and available in multiple platforms.</p>
<p>K- 5 Mathematics Illustrative Mathematics Open-Up Resources</p>  	<p>North Side Community School will be transitioning from the Math in Focus curriculum in 3rd – 5th grade math to the Illustrative Mathematics curriculum through Open-Up Resources. This shift was necessary to ensure the mathematics instruction students receive is aligned to the Missouri state standards and the grade-level expectations. The Illustrative mathematics curriculum aligns with the type of instruction students receive in their middle grade math courses as well. While, K-2 teachers will have access to both the Math in Focus curriculum and the Illustrative curriculum for the 2023-2024 school year, the next year we will shift to a coherent and aligned k-8th grade mathematics program.</p> <p>IM K–5 Math is a problem-based core curriculum rooted in content and practice standards to foster learning and achievement for all. Students learn by doing math through solving problems, developing conceptual understanding, and discussing and defending their reasoning. Teachers build confidence with lessons and curriculum guides that help them facilitate learning and help students make connections between concepts and procedures.</p> <p>Every activity and lesson in IM K–5 Math tells a coherent mathematical story across units and grade levels based on both the standards and research-based learning trajectories. This allows students the opportunity to view mathematics as a connected set of ideas and offers them access to mathematics when developed into the overarching design structure of the curriculum. The first unit in each grade level provides lesson structures which establish a mathematical community and invite students into the mathematics with accessible content. Each lesson offers opportunities for the teacher and students to learn more about one another, develop mathematical language, and become increasingly familiar with the curriculum routines. The use</p>

of authentic contexts and adaptations provides students opportunities to bring their own experiences to the lesson activities and see themselves in the materials and mathematics. The first unit in each grade level provides lesson structures which establish a mathematical community and invite students into the mathematics with accessible content. Each lesson offers opportunities for the teacher and students to learn more about one another, develop mathematical language, and become increasingly familiar with the curriculum routines. The use of authentic contexts and adaptations provides students opportunities to bring their own experiences to the lesson activities and see themselves in the materials and mathematics. The materials reviewed for Illustrative Mathematics Grades 3-5 meet expectations for Alignment to the CCSSM. In Gateway 1, the materials meet expectations for focus and coherence. In Gateway 2, the materials meet expectations for rigor and practice-content connections. In Gateway 3, the materials meet expectations for usability including Teacher Supports and Student Supports.

K-8 Science
Amplify



North Side Community School will be shifting in the 2023-2024 school year from the MySci curriculum to Amplify Science for our K-8 science courses. North Side piloted one unit of Amplify Science in 6th and 8th grade during the 2022-2023 school year. Teachers and district leaders found that students were more engaged during this unit than they had been with the MySci curriculum. Teachers found that the robust package of resources helped them plan and execute more effective instruction as well.

Amplify Science is a K–8 science curriculum that blends hands-on investigations, literacy-rich activities, and interactive digital tools to empower students to think, read, write, and argue like real scientists and engineers. In each Amplify Science unit, students inhabit the role of a scientist or engineer in order to investigate a real-world problem. Amplify Science is rooted in the Lawrence Hall of Science’s Do, Talk, Read, Write, Visualize model of learning. Gold standard research shows that this pedagogical approach works, and our early efficacy research about Amplify Science is promising, too. Amplify Science meets the criteria for Tier III-Promising Evidence as an education intervention under ESSA.



The instructional materials reviewed for Amplify Science Grades 6-8 meet expectations for Alignment to NGSS, Gateways 1 and 2. In Gateway 1, the instructional materials incorporate and integrate the three dimensions and incorporate three-dimensional assessments for and of student learning. The materials also incorporate phenomena and problems that connect to grade-band appropriate DCIs, present phenomena and problems as directly as possible, and consistently include phenomena and problems that drive student learning and use of the three dimensions within and across lessons. Further, the materials elicit, but do not leverage, student prior knowledge and expertise related to phenomena and problems. In Gateway 2, the instructional materials ensure students are aware of how the dimensions connect from unit to unit, incorporate a suggested sequence for the series, and incorporate student tasks related to understanding and explaining phenomena that increase in sophistication across the series. The materials incorporate scientifically accurate use of the three dimensions. Further, the materials include all components and related elements of the DCIs for physical science, life science, and engineering, technology, and applications of science; the earth and space science DCIs are mostly included, with one element missing. The materials include all SEPs and nearly all elements, except are missing four elements of Asking Questions and Defining problems and are missing one element from both Analyzing and Interpreting Data and Using Mathematics and Computational Thinking. The materials include all CCCs and nearly all elements, except are missing one element from Scale, Proportion, and Quantity. Additionally, the materials incorporate multiple instances of nature of science connections to SEPs and DCIs and engineering connections to CCCs.

K-5 Social Studies
Impact: McGraw Hill



North Side Community School will be continuing to use the McGraw Hill Impact Social Studies curriculum in our elementary social studies classes. The print curriculum was adopted during the 2022-2023 school year, and the digital component of the curriculum will be added for the 2023-2024 school year.

With *IMPACT Social Studies* for grades K–5, students will gain building blocks for critical thinking, develop a strong reading and writing foundation, and learn what it means to be responsible, active citizens. With engaging content, geared to today’s elementary school students, IMPACT takes a fresh approach to social studies curriculum in the elementary classroom. IMPACT Social Studies builds a solid foundation in the core subjects of social studies—history, geography, economics, and civics—with conceptually coherent units of study. Each unit provides active engagement with a rich variety of informational texts, primary sources, and media. In a

	<p>developmental approach across grade levels, students use disciplinary tools and strategies to think like a historian, a geographer, an economist—and as an informed and engaged citizen. The inquiry model engages learners through compelling questions that pose important issues. Students gather, analyze, and synthesize information in order to explore the issues and develop answers to the compelling questions, building relevance through their explorations. In addition, inquiry becomes a springboard to further research and action as students consider how the people and events of history impact their lives today. A key component of the inquiry model of instruction is exploring a topic from multiple perspectives. IMPACT Social Studies provides students opportunities to explore the contributions, opinions, stories, and daily lives of people from diverse backgrounds throughout history. Through these explorations, students develop deeper understandings of individuals, groups, and events that have had an impact on our world. These multiple perspectives include views on issues and events at the local, national, and global level, and from individuals with diverse social, cultural, and racial experiences. Multiple perspectives make social studies learning more complex, more real, and more rigorous. Students apply literacy tools—strategies for close reading, writing, speaking, and listening—to learn social studies content. As students read, write, and investigate for specific purposes, they analyze primary and secondary sources, explore facts and figures, form connections to art and literature, and work with an array of texts written from different perspectives. Through rich content, IMPACT Social Studies provides instruction and practice in essential ELA skills and strategies in all lessons. Students analyze information and arguments, think critically, support opinions with text-based evidence, and make connections through reading, writing, speaking, and listening in response to compelling questions.</p>
<p>6-8 ELA Amplify</p>  <p>Amplify.</p>	<p>North Side Community School will be adopting the Amplify ELA curriculum for 6th – 8th grade ELA courses. North Side piloted one unit of Amplify ELA in 6th and 8th grade during the 2022-2023 school year. Teachers and district leaders found that students were more engaged during this unit than they had been with their previous curriculum. Teachers found that the robust package of resources helped them plan and execute more effective instruction as well.</p> <p>Amplify ELA is a blended English language arts curriculum designed specifically to support students in grades 6–8 and prepare them for high school and beyond. With Amplify ELA, students learn to tackle any complex text and make observations, grapple with interesting ideas, and find relevance for themselves. Students are engaged through dynamic texts, lively classroom discussions, and meaningful digital experiences. With text always at the center, students are encouraged to make meaning for themselves. Rather than focusing on right or wrong answers, they develop ideas and opinions on relevant, real-world, texts. Multiple entry points and differentiated supports allow every student, regardless of fluency or ability level, to engage deeply with the same complex texts and rigorous curriculum. Amplify ELA Grades 6, 7, and 8 fully meet the expectations of alignment and usability. The materials include consistent, cohesive instruction that is not only grade level appropriate, but also provides connections across grade levels. Similarly, rich texts build knowledge of topic and theme and have connections across grades. The materials include comprehensive implementation support for learners and provide teacher guidance to utilize assessment and technology information.</p>
<p>6-8 Mathematics</p>  <p>Achievement First</p>	<p>North Side Community School will be continuing the use of the Achievement First mathematics curriculum for middle grade math courses during the 2023 – 2024 school year. However, the district will shift to a k-8th grade coherent and aligned mathematics curriculum for the next school year.</p> <p>The CCSSM require a balance of:</p> <ul style="list-style-type: none"> • Solid conceptual understanding • Procedural skill and fluency • Application of skills in problem solving situations <p>Tenets of Achievement First’s Mathematics Program:</p> <p>Conceptual Understanding: comprehension of mathematical concepts, operations, and relations</p> <ul style="list-style-type: none"> • While developing conceptual understanding, students make meaning of mathematics and make connections across mathematical ideas which allows for rapid acquisition of new knowledge, greater retention, and ability to apply in novel contexts. • Focus SMPs 1, 2, 3, 4, 5, 6, 7, 8 2. <p>Procedural Fluency: skill in carrying out procedures flexibly, accurately, efficiently, and appropriately</p>

- The development of procedural fluency allows students to focus mental energy on flexibly approaching and thinking through problems, rather than the steps to perform an accurate calculation.
- Focus SMPs 5, 6, 7 3.

Strategic Competence & Adaptive Reasoning: ability to formulate, represent, and solve mathematical problems; capacity for logical thought, reflection, explanation, and justification

- The development of these habits of mind prepares students to solve mathematical problems that they may encounter throughout the rest of their academic and social lives.
- Focus SMPs 1, 2, 3, 4, 5, 7, 8 4.

Productive Disposition: habitual inclination to see mathematics as sensible, useful, and worthwhile, coupled with a belief in diligence and one's own efficacy.

- Students approach challenging situations as opportunities to learn and mistakes made along the way as times for feedback and reflection, not representations of personal failure. This productive disposition is the hallmark of having a growth mindset as opposed to one that is fixed.
- Focus SMPs: 1 5.

Problem Solving: the umbrella under which all the opportunities to increase proficiency and expertise with the mathematical practices fall

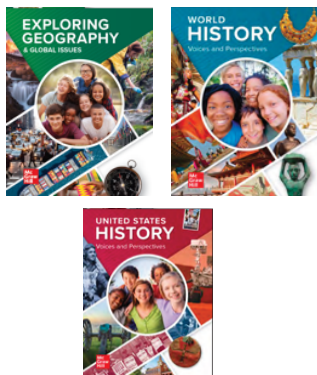
- While students engage in problem solving they are making sense of problems, thinking strategically about concept and skill applications, planning and executing a viable approach, and reflecting on process and solutions.
- Focus SMPs: 1, 2, 3, 4, 5, 6, 7, 8

The tenets and practices are in service of the three shifts demanded by the Common Core:

1. **FOCUS:** Focus strongly where the standards focus
 - Significantly narrow the scope of content and deepen how time and energy is spent in the math classroom.
 - Focus deeply on what is emphasized in the standards, so that students gain strong foundations.
2. **COHERENCE:** Across grades and linked to major topics
 - Carefully connect the learning within and across grades so that students can build new understanding on foundations built in previous years
 - Begin to count on solid conceptual understanding of core content and build on it. Each standard is not a new event, but an extension of previous learning.
3. **RIGOR:** In major topics, pursue conceptual understanding, procedural skill and fluency, and application

The materials reviewed for Achievement First Mathematics Grades 6-8 meet expectations for Alignment to the CCSSM. In Gateway 1 the materials meet expectations for focus and coherence. In Gateway 2 , the materials meet expectations for rigor and practice-content connections. In Gateway 3, the materials meet expectations for Usability.

6-8 Social Studies
 McGraw Hill
 Voices & Perspectives



North Side Community School will be adopting the McGraw Hill Voices and Perspectives curriculum for 6-8th grade social studies courses. The school did not have an adopted social curriculum for the 2022-2023 school year. This curriculum is aligned with the social studies curriculum in k-5.

The Voices and Perspectives curriculum empower students to make connections between the past and present as they experience history through multiple lenses and inquiry while practicing civil discourse to become future-ready citizens. It inspires students to critically analyze the past and discover how it relates to them today using primary and secondary sources that highlight deep, thought-provoking questions. These sources feature a diverse range of perspectives and experiences while empowering students to explore their own curiosities.

The Student Experience

- Compelling questions for each topic that encourage deep thought and reflection.
- Inquiry-infused content that incorporates a variety of perspectives.
- Activities that help students engage with present-day issues and affect change locally through informed action.
- A living library of updated program content that makes history relevant, including biweekly current event articles that link what students are learning to today's events.
- Engaging multimedia content, including brand new videos and interactive maps, audio files and more create authentic and engaging ways for students to experience the lesson
- Targeted, personalized learning that adapts to the needs of each student using SmartBook®

