



Shenendehowa
Central School District

Elementary Programs

Reading



Reading instruction at Shen is based on a Structured Literacy framework and includes an emphasis on phonemic awareness, phonics, fluency, vocabulary, and comprehension in all grades K-5. Instruction is designed to help all readers develop along a continuum of learning how to access information and make meaning of print and oral conversations.

Writing



Writing instruction supports our students as developing writers who can express their ideas in a variety of ways. Students are asked to write personal narratives, opinions, and informational pieces that reflect an authentic purpose for communicating in writing. Instruction focuses on sentence structure, composition, spelling, punctuation, grammar, use of language, and mechanics.

Math



The elementary math program is structured around these five domains—Operations and Algebraic Thinking, Numbers and Operations in Base Ten, Numbers and Operations—Fractions, Measurement and Data, and Geometry. Mathematical practices are incorporated throughout each unit. Instruction is designed to build students' conceptual understanding, fluency, and application (problem solving).

[NYS Next Generation ELA Learning Standards](#)

[NYS Next Generation Math Learning Standards](#)

[Elementary ELA Instructional Resources](#)

[Elementary Math Instructional Resources](#)

[Grade K-5 ELA Course Progression](#)

[Grade K-5 Math Course Progression](#)

<div>Science</div> <div></div>	<div>Social Studies</div> <div></div>	<div>Measuring Student Learning</div> <div></div>
<div>In Science, students will use mathematical analysis, scientific inquiry, and engineering design to pose questions, make predictions, design and carry out investigations and make claims based on evidence. Students will study the four domains of science: Life Science, Physical Science, Earth and Space Science and Engineering.</div>	<div>Social Studies instruction focuses on helping students see that they are part of a larger whole: the world. Instruction is centered on six core competencies: culture; time, continuity and change; people, places, and environments; individual development and identity; and individuals, groups, and identities. Students learn about these areas through a variety of text and project based activities.</div>	<div>Students will have many opportunities to demonstrate their learning. Learning is viewed on a continuum from K-5 and assessments help identify where students fall on that continuum. They are a key prong of the feedback loop, signaling educators of the next best steps to move student learning forward.</div>
<div>New York State Science LearningStandards P-2 3-5</div>	<div>New York State Social Studies Framework</div>	<div>Assessments include: Renaissance STAR Screener Diagnostic Assessments Progress Monitoring Tools Local Assessments Performance Assessments NYS Grade 3-5 Assessments</div>
<div>Elementary Science Instructional Resources</div>	<div>Elementary Social Studies Instructional Resources</div>	
<div>Grade K-5 Science Course Progression</div>	<div>Grade K-5 Social Studies Course Progression</div>	
<div>Unified Arts</div>		<div>Physical Education</div>
<div>Art</div> <div>The elementary art program has been designed to teach visual communication skills. Students will use critical thinking and creativity to process and develop ideas that will be communicated through art work.</div>	<div>Music</div> <div>General Music classes offer students an approach to musical experience which develops their skills, focusing on basic singing and reading activities</div>	<div>The physical education program goal is to promote physical fitness and activity through fun and cooperative games so students can gain respect for a healthy lifestyle.</div>
<div>K-12 Art Progression</div>	<div>K-5 Music Progression</div>	<div>K-12 PE Progression</div>