

CURRICULUM

The Language Arts Curriculum integrates reading, writing, listening, speaking and spelling skills. Reading instruction includes phonics in early years, reading and comprehending both fiction and non-fiction. The writing parallels reading and is an integral part of the language arts. Literacy is also integrated into other content areas such as science and social studies.

The Mathematics Curriculum emphasizes application, problem solving and a conceptual understanding of math and basic mathematical computation. Critical thinking and construction of math understanding are integral parts of the total program. Children are given the opportunity to learn utilizing a hands-on approach that incorporates written materials, online measurements, calculators and math manipulatives. The curriculum is set so that all 8th grade students complete Algebra by the end of 8th grade.

The Science Curriculum introduces children to the scientific method as they learn to gather data, analyze results and reach conclusions. There are three major strands in science: physical science, life science and earth science, which are supported by a strong emphasis on hands on learning and working in small groups. Some lessons allow children to learn outdoors and others include science experiments.

The Social Studies Curriculum is designed to create a better understanding of our world and the people who helped shape it. This is accomplished by focusing on five distinct strands – government, economics, history, geography, and culture. Children are introduced to both United States geography and world geography. In addition, children learn history at many levels, including state history, our country's history, and world history.