Curriculum Overview

English-Language Arts: Reading, Writing, Speaking, and Listening
Reading and writing are skills that are used in all subject areas. Direct daily instruction will use Core Knowledge Language Arts curriculum for skill growth, to increase comprehension, and to create a love of reading. The writing curriculum will utilize Writing City, an online curriculum that will allow for personalization and differentiation. Leveled readers will be content based. Reading and writing curriculum will meet Minnesota standards.

STEM-Focused Learning: Science, Technology, Engineering and Mathematics

Science: Our science lessons use Pearson's Envision curriculum as its foundation and a springboard for hands-on, authentic learning and problem solving across subject areas. Observations of phenomena will be key as students participate in active lab investigations, write and conduct their own investigations, and analyze data to draw conclusions. The online platform will allow for practice and differentiation of skills based on student strengths. Curriculum designed to meet Minnesota Standards.

Technology: Students will have 1:1 Chromebooks for daily use as they integrate technology skills across all subject areas. The use of Google Drive will be introduced in second grade allowing students to keep a digital portfolio of their work and progress over the years. Coding will be used at all grades and integrated into planned projects. Scratch and Code.org will support our coding lessons. Lessons will be designed to meet technology standards by ITEM (Information and Technology Educators of Minnesota).

Engineering: The Innovation lab will provide students the opportunity to create and improve on designs related to subject areas. Students will apply the engineering design process when building to find solutions to presented problems. Pearson's maker crates and STEM Invention Toolbox will be some of the materials used as students innovate to create and meet the engineering standards embedded into Minnesota's science standards.

Mathematics: Daily math instruction will use EnVision math from Pearson. This problem-based mathematics program makes learning authentic as students move from visual learning to conceptual understanding of math concepts. The online component will support differentiation of instruction and offer additional practice opportunities. In addition, math skills will be integrated into science, engineering, and technology work.

Social Studies
Pearson's My World Social Studies curriculum will be followed in all grades. This curriculum supports Minnesota Social Studies standards and uses problem-based learning and literacy to engage students in learning. Lessons and activities will incorporate authentic, project-based learning when possible to meet standards.

Specials: Music, Physical Education, Art, and Media
Lessons and instruction will be aligned to Minnesota standards as we help students develop an appreciation of the arts and understand the importance of daily physical activity.

Parent-Child-School Connection
See-Saw will be the technology platform for assignments, communication, and to showcase student learning. Students will share learning to demonstrate knowledge, teachers will gain insight from student work, and parents will access it for communication and information about the classroom.