



# School of Engineering and Arts

1751 Kelly Drive, Golden Valley, MN 55427

763-504-7200



Heather Hanson is the principal of the School of Engineering and Arts. She has served in the district for the past 23 years, including the last three years here at SEA, six years as the principal at Neill Elementary, and one year prior to that as the principal at Sunny Hollow Elementary.

**Grades: K-5**  
**Opened: 2012**  
**Enrollment: 443**  
**School Hours:**  
**9:20 a.m.-3:40 p.m.**

## Adventure Club

offers before and after school care for children in kindergarten through fifth grade.

Hours: 6:30 a.m.-6 p.m.  
Phone: 763-504-5320  
[www.ced.rdale.org](http://www.ced.rdale.org)



**ROBBINSDALE**  
Area Schools

Individual focus. Infinite potential.

The mission of Robbinsdale Area Schools is to inspire and educate all learners to develop their unique potential and positively contribute to their community.

## The School of Engineering and Arts Experience

### Our Mission

The School of Engineering and Arts (SEA), rooted in the Science Technology Engineering Arts and Math (STEAM) philosophy, will provide a stimulating and engaging atmosphere that fosters all students' innate curiosity and joy of discovery to achieve high levels of success. Students will positively contribute as citizens in a diverse and global community.

### Our Vision

Students will be empowered critical thinkers, innovators, and collaborative problem-solvers. The integration of STEAM will be embedded within the partnership of active parental and community support.

**We operate with the following thoughts for our daily instruction and philosophy:**

### What If?

The creation of new thoughts, ideas and products is endless.

### It is Okay to Fail.

It is not necessary to get something right the first time. It is important to keep trying and keep improving.

### Integration and Collaboration

We do not work, learn or teach subjects within silos. Our goal - daily integration of science, technology, engineering, arts and math.

Our school is built on the foundation of inquiry and hands-on learning. We pride ourselves on creating an environment of independent, creative thinkers who will make a difference in this world.



## Outstanding Curriculum

School of Engineering and Arts, like all Robbinsdale Area Schools, has implemented the framework of Positive Behavior Interventions and Supports (PBIS). PBIS is a whole school approach that includes all students and staff in all school settings. Through implementation of PBIS, SEA has a learning environment that is more engaging, responsive and preventive, addressing classroom management and disciplinary issues intentionally and timely, and promotes and celebrates a positive school climate.

We embrace the fact that no two students are identical. SEA has integrated a Response to Intervention (RtI) block of time every day. During this time, students receive small group instruction to address their specific learning needs, based on careful and ongoing formative assessments, whether it is extra time to master concepts or enrichment time to go deeper with concepts already mastered.

### School of Engineering and Arts addresses a STEAM-focus through integration.

Science is addressed on a spectrum of direct instruction, helping to build foundational knowledge, to open inquiry, promoting our students' natural sense of wonder. Science is a part of everyday learning occurring both in and outside of the classroom.

Technology is used as a tool and medium in which to consume and produce information. Multiple forms including hardware, software, and programming are used as often as possible in as many ways as possible throughout the students' day.

Engineering is promoted as both design and invention. We use engineering as a verb where action is required. Our method of instruction promotes creativity, thoughtful planning, critical conversations, mistakes and "almost final" products.

Art is embedded in all aspects of the students' day. Our students' work is reflective of multiple forms of art.

Math, like science, is delivered on a spectrum of direct instruction to open inquiry focusing on the sequence of understanding from concrete to representational to abstract. Students come to realize that math is the language spoken when conducting science, technology, engineering or arts investigations.

Literacy is woven throughout each of these content areas as well as a stand alone for explicit instruction and learning.

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