



STEM *Highlights*

- Small class size
- Welcoming Community
- Dedicated & caring staff
- Responsive to student needs
- Foster student ownership of our school
- Inquiry, problem & project-based learning
- Engaging and rigorous academics
- World Language for all grade levels
- Beautiful campus with 55+ acres to explore
- Regular use of outdoors as a classroom
- Multi-age activities, gatherings
- SMART boards in every classroom
- Foster 21st Century skills
- Intentional & integrated curriculum
- Committed to the development of the whole child
- Parent & Community involvement
- Free, public, K-8* charter school



*Tell me and I forget.
Show me and I remember.
Involve me and I understand.*
— John Gay, 1685-1732



Cannon River STEM School

*Fostering each student's
innate curiosity and
joy of discovery...*



Cannon River STEM School

Contact us with questions or
to get involved.

507-331-7836

crss@live.com

www.cannonriverstemschool.org



What is CRSS?

Cannon River STEM School (CRSS) is a public charter school with an academic curriculum focused on Science, Technology, Engineering and Math (STEM), in addition to traditional subjects.

Why STEM Education?

There is a need for authentic learning experiences that can be connected to life. Children want and need to feel a sense of connection to the natural world, to understand their place in it, and be empowered to engineer solutions for it.



The CRSS Approach

At CRSS, adults and children alike aspire to become excellent questioners, able to investigate the world with confidence and character. CRSS envisions being a preeminent leader in STEM education by combining academic rigor with social responsibility, mastery of the process of scientific inquiry, and building a community of students and families who love to learn. Our mission is to foster each student's innate curiosity and joy of discovery, and to prepare them for their future by becoming well educated, socially aware, scientifically literate, respectful and responsible citizens in the global community.



We achieve this by combining student-centered, collaborative and experiential instructional methods with exceptional parent and community involvement. Our teaching techniques are inquiry-based, place-based, and project-based. Students have ample opportunity to formulate, design and investigate their own questions through scientific/engineering experiments, field research and other investigations.

This empowering, student-centered approach ensures that students develop and nurture a sense of autonomy, personal investment in their lives, responsibility for their learning, and a connection with the natural world. Our processes and procedures are based on research and best practice – and we share this with our families on a regular basis.

Intentional Curriculum Connections

We believe that learning should extend beyond the walls of a traditional classroom into the natural environment and the local community. Through a variety of teaching strategies CRSS classrooms integrate subjects—science, math, language arts and social studies, as well as art, music, and P.E.—so that students see all knowledge as connected, rather than artificially separated into discrete disciplines.



Though we are a STEM school, we realize that strong reading, writing, and comprehension skills are the gateway to other disciplines. CRSS staff dedicate a significant portion of each day to build each child's literacy through differentiated instruction. Literacy centers, games, guided reading, conferencing, ORF (Oral Reading Fluency) checks, and a variety of other strategies are part of the curriculum. With our commitment to student-centered, integrated learning, students engage in a variety of literacy activities in the context of other subjects. This experience provides students with meaningful opportunities to build connections and utilize their emerging and developing skills.



Student Applications for Kindergarten through 7th Grade

We are accepting applications for the 2010-2011 school-year. Applications can be found on the CRSS website (www.cannonriverstemschool.org) or by calling (507) 331-STEM to have an application sent via post. Applications must be received by March 11th, 2010 at 4 p.m. in order to be part of our lottery for next year enrollment. *

Grade 8 will be added in Fall 2011.



*As a public charter school that limits its enrollment numbers, applications received by March 11th before 4 p.m. will be entered into a public lottery, scheduled to be held on Saturday, March 13th. Openings for enrollment for the 2010-2011 school year will be filled through this lottery drawing. In accordance with Minnesota Law, siblings of already enrolled students are granted sibling preference in the lottery process. For further information, contact Cannon River STEM School at 507-331-7836 or nbroden@cannonriverstemschool.org

