

STEM Center FAQ's

#1 Can my child be in band, orchestra, choir AND STEM?

During the 2009-2010 year Band is offered in the morning, before school, at Cheney. Band is Monday, Wednesday, and Friday at 7:30 AM. Parents are responsible for transportation to school on the mornings their student has band. Students are then transported to STEM afterwards. Students are able to be in Orchestra, Choir and General music during the school day at Lodoen. The 2010-2011 schedule is still being finalized.



#2 When will I find out if my child is going to be able to attend STEM in the fall? *Letters are sent to prospective in April for fall STEM participation.*

#3 Do I still have to register my child in the fall if they are attending STEM Center at Lodoen? *Yes. The registration dates will be on or around the same days as the dates of Cheney Middle School. Please watch the website over the summer for the exact dates and times of registration.*

#4 Will my child be learning the same things as the middle school students will at Cheney? *Yes. The same standards are taught. The curriculum will be delivered through real-world application and project-based learning that reinforces important concepts in an inquiry-based setting.*

#5 How many students will be able to attend the STEM Center at Lodoen? *There will be room for about 250 students in 6th, 7th and 8th grade.*

#6 What about transportation? *Transportation will be provided to the STEM Center in the morning and a shuttle to Cheney will run after school to bring students to their home busses or so they may participate in sports.*

#6 What will happen if too many students want to attend? Who will go and how will it be decided?

Students will be chosen by lottery considering the following criteria:

- *Gender (we would like to have a balance of boys/girls)*
- *Elementary school (we would like a proportionate number of students from each school)*

Special Activities/Projects

- Bison Best Robotics
- Fill the Dome
- Lego League
- Student Council
- Letters About Literature
- Service Learning
- Science Olympiad
- Community/business partnerships and mentoring
- And much, much more!

STEM Center

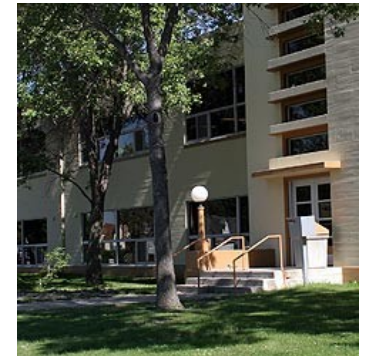
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Lodoen Community Center

STEM Center

a West Fargo Middle School



“a student-centered environment”



School Description

The West Fargo STEM Center is an educational facility that is student-centered and dream oriented! We believe in making education relevant to the real-world and engaging students through rigorous, inquiry-based learning. It is our hope that each student will leave the STEM Center with the ability to use all of the resources around them to be successful global citizens who are lifelong learners!

Technically speaking, we are a Science Technology Engineering and Mathematics focused Middle School. We are located at the Lodoen Community Center in West Fargo, ND.



Program



The STEM Center educates students in sixth through eighth grade using state-of-the-art materials and best practice strategies focusing on 21st Century Skills. Our school is a project based learning environment. The STEM Center is committed to infusing technology with daily instructional practices. All of our classrooms have: interactive SMART white boards or ENO boards, wireless internet, classroom computers, document cameras, and exciting and engaging software applications.



Curriculum

- Science, Math, Language Arts, and Social Studies
 - Physical Education
 - Music instruction all year
- ⇒ Exploratory classes-

- Art
- Foreign language
- Health
- Keyboarding

At the STEM Center, we believe...

- In collaboration using diverse ideas to solve problems is necessary.
- Creativity and innovation inspires problem solving.
- The Engineering Design Process drives problem solving.
- Relevant resources are used to solve problems.

We strive to be leaders in Science, Technology, Engineering, and Math (STEM) education in North Dakota by creating a community of learners who love to learn.

Our goal is that each student will:

- Experience the joy in learning.
- Discover real-world application.
- Explore options.
- Examine the complexity of life.
- Become lifelong readers and writers.
- Think for himself/herself. Be resourceful.
- Grow from experiences/mistakes.
- Believe he/she can always go a little further than they think they can go.
- Realize that different is OK.
- Have a can-do attitude.
- Understand there are many different ways to get the same result.
- See that play and work go hand in hand.
- Set goals and develop a plan to reach those goals.
- Realize his/her impact on society.
- Become self-reliant.

If this sounds like who you are or what you want to be...you should sign up to be a STEM Student!