

# REGISTRATION

Feel free to photocopy brochures as needed.  
Register by mail or at [www.visitation.net/stemday](http://www.visitation.net/stemday).

Student \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_

State \_\_\_\_\_ Zip \_\_\_\_\_

School \_\_\_\_\_

Grade \_\_\_\_\_

Parent/Guardian \_\_\_\_\_

Parent E-mail \_\_\_\_\_

Phone (h) \_\_\_\_\_

Phone (w) \_\_\_\_\_

**After registration card and payment is received, you will receive an email with workshop registration information.**

Conference representatives may take photographs and/or video of \_\_\_\_\_ for educational purposes.

\_\_\_\_\_ I accept \_\_\_\_\_ I decline

Parent Signature \_\_\_\_\_

Detach and mail registration form with payment to:

**Visitation STEM Day for Girls  
Convent of the Visitation School  
2455 Visitation Drive  
Mendota Heights, MN 55120**

Checks may be made to: Visitation STEM Day

As the only all-girls secondary, Catholic school in the state of Minnesota, Visitation is committed to developing strong leaders who are excited about and successful in STEM studies.

STEM fields are an integral part of our future. If you are interested in science, math, computers, or engineering, this conference will give you an opportunity to:

*Aspire*

to make STEM a part of your future by meeting professionals in STEM careers

*Imagine*

the many possibilities involved in STEM

*Explore*

exciting STEM topics and careers

*Discover*

cool STEM activities in hands-on workshops



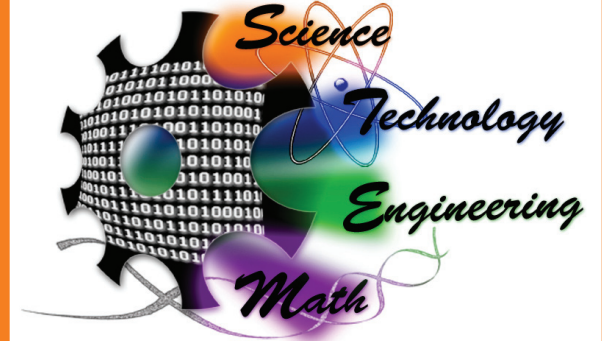
For more information contact:

**Curt Zander  
(651) 683-1765  
[czander@vischool.org](mailto:czander@vischool.org)**

# MIDDLE SCHOOL STEM DAY FOR GIRLS

**Saturday, October 29, 2011**

**A conference to explore**



Convent of the  
*Visitation School*

**[www.visitation.net/stemday](http://www.visitation.net/stemday)**

## GOALS



- Bring together young women from different schools and backgrounds.
- Build connections between STEM professionals, mentors, and young women.
- Generate enthusiasm and confidence in girls so they will pursue STEM courses in high school and, ultimately, careers in STEM fields.



## PARTICIPANTS

7th and 8th grade girls  
(Priority Registration)

**NEW!** 6th grade girls (Pending Availability)

## COST



\$55 per girl, which includes activities, lunch, and a STEM souvenir. No refunds. Checks should be made payable to Visitation STEM Day. Scholarships are available; please contact Curt Zander for more information about scholarships at 651-683-1765.



## REGISTRATION

1. Submit online at [www.visitation.net/stemday](http://www.visitation.net/stemday) or mail the registration card and payment to reserve a spot at the conference.
2. After conference registration and payment are received, participants will receive an email with instructions to enroll in specific workshops.

**Priority Conference registration and payment is given to 7th and 8th graders until October 10.**

**6th-8th graders may register from October 11-14 (or until conference is full).**

# STEM

## CONFERENCE SCHEDULE

**Saturday, October 29, 2011**

### MORNING SESSIONS

8:30–8:45	Check In
8:45–8:50	Welcome/Opening
8:50–9:35	Speaker: <b>Bakken Museum*</b>
9:45–10:30	Workshop #1
10:35–11:20	Workshop #2
11:20–11:50	Lunch

### AFTERNOON SESSION

11:50–12:35	Speaker: <b>Dr. Kris Ropella**</b>
12:45–1:30	Workshop #4
1:35–2:20	Workshop #3
2:20–2:30	Closing

**\*Bakken Museum**—A performance portraying the teen-aged author of Frankenstein, Mary Wollstonecraft Shelley. It shares the details of the challenge to create a ghost story during a time when women rarely knew how to read or write. Conference attendees will learn what inspired her to compose the unusual tale about a hideous monster brought to life with electricity.

**\*\*Dr. Kris Ropella**—A professor of Biomedical Engineering at Marquette University, Dr. Ropella will present "Technology and Healthcare: Engineering for Life," a look into the fascinating technologies being developed to solve medical problems and improve health. Learn how you will play a role in the future.

## WORKSHOPS

Please visit the Middle School STEM Day for Girls website to read descriptions for each workshop, directions, parking, and drop off.

[www.visitation.net/stemday](http://www.visitation.net/stemday)

We are working to confirm the following topics; check the website for the most updated list.

**High Tech Orthodontics**

**Technical Theatre: Sound and Light**

**Robotics**

**Geocaching**

**PicoCrickets**

**Computer Programming**

**Digital Film Making**

**Mechanical Engineering**

**Math Fractals**

**Remote Controlled Airplanes & Helicopters**

**Google Sketchup**

**Biology Field Study**

**Forensics**

**EKG and the Heart**

**Garage Band**

**Electrical Engineering**

**Chemistry**

**Virtual Reality**

**Graphic Design**

*Science. Technology. Engineering. Math.*