

Program for 2010 Joint Conference

Thursday

7 pm

Friday

8:30 am

7:00-9:00 pm

Dakota C

2 hours

Session: 1

Feb. 4, 2010

Grade Level: All

Facilitator: Cindy Kroon

President of SDCTM

Math Sharing Session

Sharing lessons and activities will be the focus of this session. Bring 25 copies of your favorite activity or lesson. Or just come!

7:00-9:00 pm

Dakota G

2 hours

Session: 2

Feb. 4, 2010

Grade Level: All

Facilitator: Molly TenBroek

President-elect of SDSTA

Science Sharing Session

Sharing lessons and activities will be the focus of this session. Bring 25 copies of your favorite activity or lesson. Or just come!

8:30-9:20 am

Prairie A

Session: 3

Feb. 5, 2010

Grade Level: 9-12+

Featured Speaker

Andrew Weaver

Stillwater Area High School

Prairie Restoration and Prairie Plant Propagation in the Classroom

The focus of this session will be a description of our 15 acre native prairie which is part of a 55 acre outdoor school lab and how my high school students grow prairie plants in the classroom.

**Promethean Boards
Ruckus Wireless
Classroom Sound Systems
HP Equipment & Services
Altiris Licenses & Support
Interactive Camera's**

We are proud to support the Math and Science Teachers of South Dakota. Thank you for your business these past 30 years.



| Watertown | Bismarck | Minot | Pierre | Sioux Falls |

Friday

8:30 am

8:30-9:20 am
Prairie B

Session: 4
Feb. 5, 2010

Grade Level: K-5

Featured Speaker

Penny S. Roberts

Greenville Elementary School

Using Reading Strategies To Make My Students Stronger In Math. Are You Kidding Me?

No, I'm not kidding! Learn to use strategies you often think of as reading specific to help students deep process important math concepts. These strategies will not only help students better retain new math learning, but will also help them develop deeper understanding of mathematics concepts.

8:30-9:20 am
Prairie C

Session: 5
Feb. 5, 2010

Grade Level: 9-12+

Featured Speaker

Chris R. Olsen

Cedar Rapids Community Schools (Ret.)

Dribbling into Bayes' Theorem (Alg. II)

Bayes' Theorem, in all its algebraic glory, is a very model of incomprehensibility. It could use a makeover, and in this session we will use the context of basketball (among others) to change this ugly duckling into a swan.

Friday

8:30 am

8:30-9:20 am
Dakota A

Session: 6
Feb. 5, 2010

Grade Level: K-12+

Speaker: Nola Redmond

Connecting Point

Interactive White Boards

No matter what your level of experience with an interactive white board, come see what makes the Promethean the number one choice. In this session, come see the NEW Inspire 1.3. You will see the Self Paced Testing using the ActiveExpressions. See why they make students excited at test time and don't want the test to end. Caution: Be prepared to get calls at home from irate parents whose child didn't get to use the Promethean Board that day.

8:30-9:20 am
Dakota B

Session: 7
Feb. 5, 2010

Grade Level: 6-12+

Speakers: Marie L. Steckelberg & Halley Lee

SD Health Career Connections Network
SD Healthcare Workforce Center

HOTT Lessons! Secondary

Did you know that SD will need 1000s of ADDITIONAL healthcare workers in the next few years? Now is the time to educate our youth of these exciting and challenging career possibilities. Learn about a HOTT source with lesson plans integrating math, science, and health careers that easily incorporate into your curriculum.

Friday 8:30 am

8:30-9:20 am Session: 8
Dakota C Feb. 5, 2010

Grade Level: 9-12+

Speaker: Michael P. Grams
SDSU

Cramster: Friend or Foe?

Online resources are becoming increasingly popular for students. However, it is not immediately clear if they are always effective in helping students learn. This talk discusses a popular website called Cramster and my experiences with it.

8:30-9:20 am Session: 9
Dakota D Feb. 5, 2010

Grade Level: K-12+

Speakers: Nicole Keegan
& Brenda Murphey
Dakota Middle School-Rapid City

Matters of the Heart

Get some samples of fun and unique ways to build relationships with your students. Warning: Chocolate will be present at this presentation.

Have you checked out “Share the Classroom Treasures”?

Stop in the Board Room and see what is there.

Friday 8:30 am

8:30-9:20 am Session: 10
Dakota E Feb. 5, 2010

Repeat of #111

Grade Level: 3-5

Speaker: Kenneth Graupmann
SD Discovery Center

ATLSS Project (Advancing Teacher Leaders in Space Science)

Help teachers engage & educate students in space science utilizing innovative instructional strategies, effective curricular resources and engaging content. There will be a door prize of curriculum materials.

8:30-9:20 am Session: 11
Dakota F Feb. 5, 2010

Grade Level: 6-8

Speaker: Chris L. Larson
SDSU

Using Manipulatives in the Middle School Math Classroom

This workshop is designed to help middle school teachers learn how to use manipulatives to help students gain a deeper conceptual understanding of math concepts. Teachers will learn how to use a variety of concrete models to teach middle school concepts. This model was designed by CAMSE for SD Counts.

Friday

8:30 am

8:30-9:20 am
Dakota G

Session: 12
Feb. 5, 2010

Grade Level: K-12+

Speakers: Matthew Miller
& Larry Browning
SDSU

Grant Writing for Your Classroom Needs

Do you need equipment but your "principal funding source" is too stingy? During this session, discover sources of funding and begin writing proposals for equipment in your lab/classroom. Informal follow up on Saturday.

8:30-10:20 am
Dakota H

Session: 13
Feb. 5, 2010

2 hours

Grade Level: K-12+

Speaker: Andy P. Johnson
BHSU-CAMSE

The Tiles: A Participatory Parable on the Nature of Science

If we teach science using an inquiry approach, some of our students do not understand that science is more than just a collection of "right answers" to memorize. The Tiles activity allows any science teacher to help students clarify what science is about. First you will do the Tiles activity as students and then we will talk about how it can be used in a classroom. You might even learn something about the nature of science yourself.

Friday

8:30 am

8:30-9:20 am
Symposium

Session: 13.3
Feb. 5, 2010

Repeat of #77

Grade Level: 9-12+

Featured Speaker
Karen A. Kraemer
Willmar Senior High School (Ret.)
& Holly Knudson
Marshall High School

Teaching Evolution and the Nature of Science

Teaching evolution is often not happening in biology classrooms. Teachers may not feel comfortable or knowledgeable enough. This presentation will cover resources and strategies as well as standards curriculum alignment.

8:30-9:20 am
Salon

Session: 13.5
Feb. 5, 2010

Grade Level: 9-12+

Speaker: Kristi G. Lutgen
Deubrook Area Schools

Sierpinski's Triangle Recreated

Senior math becomes art class during this project. We will create a 3-D Sierpinski's Triangle during this session. I will provide you with handouts to take this back to your classroom. This project can also be done in a geometry class.

Friday

9:30 am

9:30-10:20 am

Prairie A

Session: 14

Feb. 5, 2010

Repeat of #44

Grade Level: 9-12+

Featured Speaker

Keith E. Van Tassel

NASA-Johnson Space Center

How I Use Math and Science in My Job at NASA

As a Pyrotechnic Engineer, I will describe how I use the math and science I learned in junior and senior high on a daily basis.

Friday

9:30 am

9:30-10:20 am

Prairie C

Session: 16

Feb. 5, 2010

Repeat of #79

Grade Level: 9-12+

Featured Speaker

Chris R. Olsen

Cedar Rapids Community Schools (Ret.)

Five Real Life Quadratic Function Problems (Alg I/II)

Tired of the standard ballistics and Golden Gate problems? Looking for rich contexts for your quadratic function lesson? In this session we will present 5 quadratic problems that you can take into class on Monday.

9:30-10:20 am

Prairie B

Session: 15

Feb. 5, 2010

Grade Level: K-2

Featured Speaker

Penny S. Roberts

Greenville Elementary School

"BEEF UP" Your Early Numeracy Teaching

Building early numeracy skills is just as important as building early reading skills. Unless students have a strong early numeracy foundation, they will struggle in the area of number sense in later grades. Learn about a number of early numeracy activities that will make your students stronger mathematicians.

9:30-10:20 am

Dakota A

Session: 17

Feb. 5, 2010

Grade Level: 9-12+

Speaker: Jami Stone

BHSU

Developing Secondary Students' Capacity to Reason and Make Sense of Mathematics

Reasoning and sense making should be the focus of the secondary mathematics curriculum regardless of the topic being studied. Participants will look at lessons from NCTM's newest documents on reasoning and sense making to see how these principles can be incorporated into their classroom.

Friday

9:30 am

9:30-10:20 am
Dakota B

Session: 18
Feb. 5, 2010

Grade Level: K-5

Speaker: Roxane M. Dyk
Mid-Central Educational Coop

How Much Is A Half?

Literature, real-world application, hands-on activities and the "social learning" model will be used to help you learn what your students know about one-half.

9:30-10:20 am
Dakota C

Session: 19
Feb. 5, 2010

Grade Level: 6-8

Speakers: Mary A. Frederick
& Karen Gordon
Mickelson Middle School-Brookings

We're Going on a Field Trip!

We have a plan for a field trip. Our trip is interdisciplinary, inclusive, addresses science standards, and makes it possible to take over one hundred students on a nature study of prairie potholes and grasslands. You will learn how to use Vernier labquests, too.



Friday

9:30 am

9:30-10:20 am
Dakota D

Session: 20
Feb. 5, 2010

Repeat of #115

Grade Level: K-12+

Speaker: Nicole Keegan
Dakota Middle School-Rapid City

Moving to Inquiry

Learn ways to take "cookie cutter" labs and make them more investigative. Come with a lab that you already do--we will work to raise the student thinking!

9:30-10:20 am
Dakota E

Session: 21
Feb. 5, 2010

Repeat of #106

Grade Level: 9-12+

Speaker: Sheila McQuade
O'Gorman High School

Using the "Write" Tool in Geometry

In a culture of instant messaging and texting, it is even more important to get students to write in all disciplines. I will share with you some of the activities/lessons I've used to incorporate writing without sacrificing the math content.

Do you have a banquet ticket?

The speaker is Keith Van Tassel from NASA-Johnson Space Center

Friday

9:30 am

9:30-10:20 am
Dakota F

Session: 22
Feb. 5, 2010

Grade Level: 6-8

Speakers: Cheryl Puhl
& Lori Keleher, 2009
Presidential Award State Finalist
Huron Middle School

The Periodic Table & More

Simple and inexpensive activities to understand elements, compounds, and mixtures.

9:30-10:20 am
Dakota G

Session: 23
Feb. 5, 2010

Repeat of #85

Grade Level: 6-12+

Sponsors: Matthew Miller, Larry
Browning & Chris Larson
SDSU

Meet the Science and Math Teachers
of Tomorrow

Share your expertise with future teachers to provide them with information useful in their first years of teaching. Students involved include Diedra Reuman, Laura Jones, Melanie Zinter, Emily Koehler, Samantha Loutsch, Alisha Burcham, Jodi Hall, and Ashley Schreurs.

Next Year's Conference is
February 3, 4, and 5, 2011

Friday

9:30 am

9:30-10:20 am
Symposium

Session: 24
Feb. 5, 2010

Repeat of #109

Grade Level: 6-12+

Speaker: Anne Lewis
SD Discovery Center

Biomonitoring for Climate Change

Biomonitoring for climate change is a professional development opportunity funded by EPA Region 5 Environmental Education Program. This June, twelve teachers will be trained and equipped (and we do mean equipped) to implement biomonitoring and climate change education in their classrooms. Come learn how you can participate.

9:30-11:20 am
Salon

Session: 24.5
Feb. 5, 2010

2 hours

Grade Level: 6-12+

Speakers: Rose Emanuel
& Roberta Traxinger
Lead HS & Douglas HS

Modeling Physics for Understanding

The Modeling Materials for Physics have earned a distinction as some of the best materials for teaching physics. In a Modeling classroom, students are highly involved in the scientific process and they uncover physics ideas themselves. With Modeling, students come to understand physics much more deeply than with typical methods. And it's fun! Come learn about the Modeling Method and a possible opportunity to attend a two-week Modeling Workshop next summer.

Friday 10:30 am

10:30-11:20 am Session: 25
Dakota A Feb. 5, 2010

Grade Level: 6-12+

Speaker: Kristi G. Lutgen
Deubrook Area Schools

Inspire with the Board (Promethean)

ActivInspire is the new Promethean software. I will show you some of the highlights of the software as well as introduce you to the ActivExpressions. The Expressions interact with your computer to engage your students in your classroom.

10:30-11:20 am Session: 26
Dakota B Feb. 5, 2010

Grade Level: 6-8

Speaker: Sharon S. Vestal
SDSU

Tangrams-More Than Just a Puzzle

We will explore how tangrams can be used to teach fractions, areas of polygons, and the Pythagorean Theorem.

What is new in vendor land this year?

Friday 10:30 am

10:30-11:20 am Session: 27
Dakota C Feb. 5, 2010

Repeat of # 71

Grade Level: 6-8

Speaker: Kenneth Graupmann
SD Discovery Center

ATLSS Project (Advancing Teacher Leaders in Space Science)

Help teachers engage & educate students in space science utilizing innovative instructional strategies, effective curricular resources and engaging content. There will be a door prize of curriculum material.

10:30-11:20 am Session: 28
Dakota D Feb. 5, 2010

Repeat of #91

Grade Level: 3-8

Speaker: Steven M. Rokusek
SD Public Broadcasting

Weather Watchers

Meteorologists use measurements to collect and analyze weather-related data to predict the weather. The activities in this session will provide ways to explore these same math & science concepts while having fun. Even chocolate will be used in this session to see how the evaporation of water can be used to keep something cool.

Friday 10:30 am

10:30-11:20 am Session: 29
Dakota E Feb. 5, 2010

Repeat of #99

Grade Level: 3-5

Speaker: Micheline A. Hickenbotham
BHSU

**Helping Children Learn Math:
Connecting Home and School**

Fostering a positive attitude about math at home can help children learn math at school. This session will focus on tips, online resources, and real-life connection activities.

10:30-11:20 am Session: 30
Dakota F Feb. 5, 2010

Grade Level: 9-12+

Speaker: Julie A. Olson
Mitchell Senior High

Cell Biology

Cell membrane solubility and pH.
Pharmaceutical applications. Soap film models of cell membranes.

10:30-11:20 am Session: 31
Dakota G Feb. 5, 2010

Repeat of #66

Grade Level: K-12+

Speaker: Chad R. Tussing
The Outdoor Campus-West

Bighorns 101

Come see what the head-banging is all about. Learn about South Dakota's magnificent wild sheep. This session will cover bighorn biology and will provide some tidbits for the classroom.

Friday 10:30 am

10:30-11:20 am Session: 32
Dakota H Feb. 5, 2010

Repeat of #97

Grade Level: 3-8

Speaker: Brant G. Miller
U of M

**Making Sense of STEM through Snow
Snakes**

Participants will learn about one way to mobilize the emerging multi-disciplinary approach known as STEM (Science, Technology, Engineering, and Mathematics). The context for this mobilization will be snow snakes which is a traditional American Indian game that was played by various tribes throughout North America.

10:30-11:20 am Session: 33
Symposium Feb. 5, 2010

Grade Level: 6-12+

Speaker: Julie Dahl
BHSU-CAMSE

**Progress Update: Sanford Lab at
Homestake**

As the former Homestake Gold Mine continues its transition into a Deep Underground Science and Engineering Laboratory (DUSEL), planning is underway to create a world class education center that highlights the cutting-edge science taking place in our state. Come learn what we've been up to lately.

12:00 Noon **Session: 34**
Prairie A, B, C **Feb. 5, 2010**

Grade Level: All

Facilitators: Ramona Lundberg,
SDSTA President
& Cindy Kroon
SDCTM President

LUNCH

Presidential Awardees
Science—David Ireland, South Middle
School Rapid City
Mathematics—Becky Kitts, St. Joseph
Catholic School, Pierre

Announcements
Door Prizes

Friday **1:30 pm**

1:30-2:20 pm **Session: 35**
Dakota A **Feb. 5, 2010**

Grade Level: K-3

Speakers: Brenda Danielson
& Lorry Morfeld
Scotland Elementary School

Not the Same Old, Same Old
Using a Promethean Board can give
new life to old skills and concepts.
Probability, multiplication, geometry,
measurement, and lines of symmetry
can be enhanced with this useful
technology.

Friday **1:30 pm**

1:30-2:20 pm **Session: 36**
Dakota B **Feb. 5, 2010**

Grade Level: K-5

Speakers: Marie L. Steckelberg
& Halley Lee

SD Health Career Connections Network
SD Healthcare Workforce Center

HOTT Lessons! Elementary

Did you know that SD will need
THOUSANDS of ADDITIONAL
healthcare workers in the next few
years? Now is the time to educate our
youth of these exciting and challenging
career possibilities. Learn about a
HOTT source with lesson plans
integrating math, science, and health
careers that easily incorporate into your
curriculum.

1:30-2:20 pm **Session: 37**
Dakota C **Feb. 5, 2010**

Repeat of #88

Grade Level: K-12+

Speaker: Janet L. Briggs
BHSU

Science Misconceptions: Cavemen and Dinosaurs

"Cavemen and Dinosaurs Co-existed."
"You can see the moon only at night."
This session will point out other
misconceptions held by K-12 students
and provide research-based strategies
for helping students move beyond them.

Friday 1:30 pm

1:30-2:20 pm Session: 38
Dakota D Feb. 5, 2010

Grade Level: All

Speaker: Nancy J. Barondeau
NSU

Photostory

Microsoft Photostory is a free application that allows the creation of show and tell presentations from digital photos. It runs on Windows XP or Vista. Come find out how easy it is to use.

1:30-3:20 pm Session: 39
Dakota E Feb. 5, 2010

2 hours

Grade Level: K-8

Speakers: Lucy Atwood
& Susan McAdaragh
SD Counts ESA 6 & Sioux Falls

SD Counts!

What is SD Counts really all about? What are those teachers REALLY doing? How does it affect me? Come see, hear and experience what teachers have been doing, and continue to do, to implement best practices and increase student understanding in their classrooms. Hand-outs of strategies, practices, and activities available.

Friday 1:30 pm

1:30-2:20 pm Session: 40
Dakota F Feb. 5, 2010

Grade Level: 6-12+

Speakers: Mark Farrand
& Heather Sperlich
Rapid City Central HS

"Formative Assessments"--How to Test without Testing

Heather and Mark will share successes (and failures) of using non-traditional tests to check for understanding in their classes. A wide range of student abilities and styles has prompted us to explore alternative assessments. Come learn and share with us.

1:30-2:20 pm Session: 41
Dakota G Feb. 5, 2010

Repeat of #100

Grade Level: 6-12+

Speakers: Jane Schnell
& O'Gorman Rocket Team
O'Gorman HS

TARC-Actually, It Is Rocket Science

Come learn more about the Team America Rocketry Challenge with the O'Gorman Rocket Team. The team will share what it takes to build a competition rocket and their experiences from competing at the National Finals.

Friday 1:30 pm

1:30-3:20 pm Session: 42
Dakota H Feb. 5, 2010

2 hours

Grade Level: 9-12+

**Speakers: Matthew Miller
& Larry Browning**
SDSU

Demos and Doorprizes At Your Own Risk

Make, Take, and Win. Physics and chemistry demonstrations you can take home; and a few odds and ends we had to get out of our office.

1:30-2:20 pm Session: 43
Symposium Feb. 5, 2010

Grade Level: 6-8

Speaker: Tom Mead, South Dakota Teacher of the Year
Spearfish MS

Highs and Lows--Floods and Flows
Teams of students become familiar with the topography of Mars, its geologic features, and patterns of features using a color-coded topographic map; and other selected activities.

Don't forget the business meetings?
These are your organizations—help them address your needs and reflect your ideas. Get involved.

Friday 1:30 pm

1:30-2:20 pm Session: 43.5
Salon Feb. 5, 2010

Repeat of #116

Grade Level: 3-8

Speaker: Steven Wegman

Wind for School

Wind for School is a pilot program from US. Department of Energy. This program brings an expert on wind energy in to the classroom. Check us out at WAC.SDWIND.ORG or OASDWIND.ORG.

Friday 2:30 pm

2:30-3:20 am Session: 44
Prairie A Feb. 5, 2010

Repeat of #14

Grade Level: 9-12+

Featured Speaker
Keith E. Van Tassel
NASA-Johnson Space Center

How I Use Math and Science in My Job at NASA

As a Pyrotechnic Engineer, I will describe how I use the math and science I learned in junior and senior high on a daily basis.

Friday

2:30 pm

2:30-4:20 pm
Prairie B

Session: 45
Feb. 5, 2010

2 hours

Grade Level: 3-5

Featured Speaker
Penny S. Roberts

Greenville Elementary School

HELP WANTED: Crime Solvers Needed

There are criminals on the loose, and YOU are needed to help put them behind bars! Use role playing, music, a real-life simulation, and more to make learning and teaching probability both fun and interesting. This could be the culminating event you have been looking for to enhance your probability unit.

2:30-3:20 pm
Prairie C

Session: 46
Feb. 5, 2010

Grade Level: 9-12+

Featured Speaker
Chris R. Olsen

Cedar Rapids Community Schools (Ret.)

A Baker's Dozen Experimental Design Problems (AP Stats)

In AP Statistics, experimental design problems for student practice are few and far between. In this session, we will present 13 lucky problems designed to illustrate blocking.

Friday

2:30 pm

2:30-3:20 pm
Dakota A

Session: 47
Feb. 5, 2010

Grade Level: 6-12+

Speaker: Gregory T. Diersen
Great Plains Lutheran

Prairie Plants-Pollen

Using specimens from a research experience for teachers (RET) summer project, learn about pollen types in native prairie plants. Use the pollen collection and a pollen-based dichotomous key using online images. Learn about team ECHINACEA a summer RET.

2:30-4:20 pm
Dakota B

Session: 48
Feb. 5, 2010

2 hours—Repeat of #80

Grade Level: 3-5

Speaker: Penny Smith
SD DOE

Integrate Health and Math Using Data

Help your students collect, display and analyze data. Ideas include tallies, picto, bar, line and circle graphs, box & whisker and stem & leaf plots, as well as estimation. Use a variety of tools to develop students' understanding of mean, median and mode. We hope you like your veggies!

Friday 2:30 pm

2:30-4:20 pm Session: 49
Dakota C Feb. 5, 2010

2 hours—Repeat of #101

Grade Level: 9-12+

Speaker: Robin Cochran-Dirksen

Lead-Deadwood HS

Breeding Drosophila to Teach Homeobox Genetics and the History and Importance of Model Organisms in Research

Discussion of the importance of model organisms, history of some of the great Fly People and their research, and homeobox function in embryological development. View Drosophila through dissecting scopes and see demonstrations of how to establish stock cultures in your classrooms. (This was presented at the National Association of Biology Teachers Convention in November.)

2:30-3:20 pm Session: 50
Dakota D Feb. 5, 2010

Repeat of #81

Grade Level: K-12+

Speaker: Mike Barondeau

Edmunds Central School

The Space Race of the 1930's

November 11th celebrates the 75th Anniversary of the Epoch-making flight of Explorer II into the stratosphere in 1935. Come and learn how South Dakota featured in this historic event.

Friday 2:30 pm

2:30-4:20 pm Session: 51
Dakota F Feb. 5, 2010

2 hours-Repeat of #102

Grade Level: 3-8

Speakers: Laurie Root

& Maggie Engler

SD GF & P/Wildlife Experiences

Bird Brains, Unite!

Explore the Flying WILD materials, an extension of Project WILD. Cut a gizzard, migrate & compete in the Olympics. Meet live birds from SD and learn how they can visit your classroom.

2:30-3:20 pm Session: 52
Dakota G Feb. 5, 2010

Grade Level: 9-12+

Facilitator: James Stearns

SD-AAAPT

SD-AAAPT Photo Contest

Final voting and judging will be taking place on the photos and essays that have been submitted. Check out the photos in the hall Thursday night and/or Friday and put in your two cents worth. (Vote by putting in a penny for your top choice or two.)

Have you checked out the Photo Contest and Essays?

Friday

2:30 pm

2:30-3:20 pm
Symposium

Session: 53
Feb. 5, 2010

Repeat of #87

Grade Level: K-12+

Speaker

Paul Keidel

Representative of NSTA

Professional Development and the NSTA Learning Center

The NSTA Learning Center can provide you with professional development in your area of expertise at a minimal cost or "free". The Learning Center can provide you with a transcript of completed hours to present to your administration.

2:30-3:20 pm
Salon

Session: 53.5
Feb. 5, 2010

Grade Level: 9-12+

Speaker: Terry Aslesen

Mitchell Senior High

Relevance through Bioethics

Students have to discuss real issues that are changing their world. Included will be processes that can be used along with over 100 topics for students to investigate/discuss and form opinions.

Friday

3:30 pm

3:30-4:20 pm
Prairie A

Session: 54
Feb. 5, 2010

Grade Level: K-12+

Featured Speaker

Andrew J. Weaver

Stillwater Area High School

Peregrine Falcons—a Conservation Success Story

Teachers looking for an example of a wildlife success story can learn about how this has been accomplished. Live falcons will be part of the presentation.

3:30-4:20 pm
Prairie C

Session: 55
Feb. 5, 2010

Grade Level: 9-12+

Featured Speaker

Chris R. Olsen

Cedar Rapids Community Schools (Ret.)

Getting the Most Out of the Dakota STEP

It can be difficult to interpret and utilize information provided with results from state testing. In this session, we will discuss how to get the most out of these reports. Our focus will be on the Dakota STEP tests, but the strategies for interpretation will be generally applicable.

Friday 3:30 pm

3:30-4:20 pm Session: 56
Dakota A Feb. 5, 2010

Grade Level: 6-12+

Speaker: Jean Gomer
Deubrook Area Schools

Why Would an Old Dog Learn New Tricks?

What can having a Promethean Board do to change the way a veteran teacher teaches without any painful learning curve?

3:30-4:20 pm Session: 57
Dakota D Feb. 5, 2010

Repeat of #103

Grade Level: 3-12+

Speakers: Nicole Keegan, Jannette Moehlman & Katie Anderson
Dakota Middle School-Rapid City

Moving Lab Notebooks to the Next Level

What can I do to get students to REALLY process the lab? Kick your lab notebooks up a notch. Learn ways to adapt what you already do to enhance learning.

The vendors have NOT left the building!

Friday 3:30 pm

3:30-4:20 pm Session: 59
Dakota G Feb. 5, 2010

Grade Level: 9-12+

Facilitators: SD-AAPT Officers

AAPT Meeting

All interested Physics or Physical Science teachers are invited to attend. This is the annual meeting of the South Dakota chapter of the American Association of Physics Teachers.

3:30-4:20 pm Session: 60
Dakota H Feb. 5, 2010

Grade Level: K-5

Speaker: Lisa R. Weier
Camelot Intermediate School, Brookings

Biomimicry and Invention

Discover the connection between biomimicry and invention. Learn how to tie these topics into the teaching of critical thinking skills in the classroom. Receive resources for teaching invention to elementary students and get a brief overview of the programming available through Invent Now Kids.

Thank you to TIE
for the assistance with multimedia
projectors.

www.tie.net



TIE Conference
April 18-20, 2010
Sioux Falls
Convention Center

Friday

3:30 pm

3:30-4:20 pm
Symposium

Session: 61
Feb. 5, 2010

Grade Level: 3-5

Speaker: Jan Martin
SD DOE

NAEP 2009: How Do Our 4th Graders Measure UP?

NAEP 2009 Math data will be explored with an emphasis on released items and correlation of results with reported technology use.

3:30-4:20 pm
Symposium

Session: 61.5
Feb. 5, 2010

Repeat of #107

Grade Level: 6-12+

Speakers: Joseph Rand
& Michael Arquin
Kidwind Project

Wind Energy for the Classroom

Teachers will be introduced to the science behind wind power and exposed to engaging, hands-on wind energy lessons and activities for their classrooms.

Business Meetings are open to all members. You should go.

Friday

4:30 pm

4:30-5:30 pm
Dakota C

Session: 62
Feb. 5, 2010

Grade Level: All

President: Cindy Kroon
SDCTM President

SDCTM Business Meeting

4:30-5:30 pm
Dakota G

Session: 63
Feb. 5, 2010

Grade Level: All

President: Ramona Lundberg
SDSTA President

SDSTA Business Meeting

Friday Evening

6:30-9:00 pm
Prairie A, B, C

Session: 64
Feb. 5, 2010

Grade Level: All

BANQUET

Speaker: Keith Van Tassel
NASA-Johnson Space Center

Saturday Morning

7:00-8:00 am Session: 65
Salon Feb. 6, 2010

Grade Level: All Presidential Awardees

Facilitators: Diana McCann
& Ramona Lundberg

Presidential Breakfast

All past and present math and science awardees including this year's finalists are invited to join us for breakfast.

Saturday

8:30 am

8:30-9:20 am Session: 67
Prairie B Feb. 6, 2010

Grade Level: 3-5

Featured Speaker
Penny S. Roberts

Greenville Elementary School

Probability With PIZZAZ!

Probability can be fun to teach and learn! Use real-life scenarios, games and other probability activities to help your students love learning about probability concepts. They will be excited about coming to your math class.

Have you applied for the Presidential Award? Nominations are open for 2010.

Saturday

8:30 am

8:30-9:20 am Session: 66
Prairie A Feb. 6, 2010

Repeat of #31

Grade Level: K-12+

Speaker: **Chad R. Tussing**
The Outdoor Campus-West

Bighorns 101

Come see what the head-banging is all about. Learn about South Dakota's magnificent wild sheep. This session will cover bighorn biology and will provide some tidbits for the classroom.

8:30-9:20 am Session: 68
Prairie C Feb. 6, 2010

Grade Level: 9-12+

Featured Speaker
Chris R. Olsen

Cedar Rapids Community Schools (Ret.)

Five Real Life Exponential/Logarithmic Function Problems (Alg II)

Tired of the standard sound level and Richter scale problems? Looking for rich contexts for your exponential and log functions lesson? In this session we will present 5 exp/log problems that you can take into class on Monday.

Saturday

8:30 am

8:30-9:20 am
Dakota A

Session: 69
Feb. 6, 2010

Grade Level: K-8

Speaker: Micheline A. Hickenbotham
BHSU

The Math Workshop Approach

Use a balanced approach to teach mathematics providing various ways to meet the needs of all learners. The how, why, notation, and examples will be provided.

8:30-9:20 am
Dakota B

Session: 70
Feb. 6, 2010

Grade Level: 3-8

Speakers: Katie L. Anderson & Jannette R. Moehlman
Dakota Middle School-Rapid City

The Place of Literacy within Scientific Inquiry

The focus of this presentation is using literacy strategies and skills to give lower level readers a boost in the science classroom.

Saturday

8:30 am

8:30-9:20 am
Dakota C

Session: 71
Feb. 6, 2010

Repeat of #27

Grade Level: 6-8

Speaker: Kenneth Graupmann
SD Discovery Center

ATLSS Project (Advancing Teacher Leaders in Space Science)

Help teachers engage & educate students in space science utilizing innovative instructional strategies, effective curricular resources and engaging content. There will be a door prize of curriculum material.

8:30-9:20 am
Dakota D

Session: 72
Feb. 6, 2010

Grade Level: 9-12+

Speaker: John D. Hollingsworth
University Center, Sioux Falls

Chuck-A-Luck and the Big Six

Mathematics behind some carnival games from my youth.

Next Year's Conference is
February 3, 4, and 5, 2011

Saturday

8:30 am

8:30-9:20 am
Dakota E

Session: 73
Feb. 6, 2010

Grade Level: 3-12+

Speaker: Steven M. Rokusek
SD Public Broadcasting

Old School Demonstrations

During this session participants will review classic science demonstrations, including but not limited to a "Scientific American Frontiers" experiment to see if your corpus callosum is working. Come and enjoy the magic of science.

8:30-9:20 am
Dakota F

Session: 74
Feb. 6, 2010

Grade Level: 3-5

Speaker: Brenda L. Robertson
Whippourwill

Teaching Science Using SD History as a Theme

This workshop will use SD history as a theme in integrating science and social studies into the elementary curriculum. Several hands-on activities will be explored and handouts will be provided. All activities are aligned to SD content standards.

Saturday

8:30 am

8:30-9:20 am
Dakota G

Session: 75
Feb. 6, 2010

Grade Level: 6-12+

Speaker: Chris Larson
SDSU

Modeling 3-Dimensional shapes

This workshop will help teachers to construct and use two-dimensional representations of three-dimensional objects to visualize and solve surface area and volume problems.

8:30-9:20 am
Salon

Session: 76
Feb. 6, 2010

Grade Level: All

Speakers: Diana McCann
& Ramona Lundberg
State Presidential Award
Coordinators

Tips for Winning Money

Would you like to receive \$10,000? Every year South Dakota is able to give two \$10,000 awards, one in science and one in math. The Presidential Award is Sponsored by the White House and the National Science Foundation.

Saturday

9:30 am

9:30-10:20 am

Prairie A

Session: 77

Feb. 6, 2010

Repeat of #13.3

Grade Level: 9-12+

Featured Speaker

Karen A. Kraemer

Willmar Senior High School (Ret.)

& Holly Knudson

Marshall High School

Teaching Evolution and the Nature of Science

Teaching evolution is often not happening in biology classrooms. Teachers may not feel comfortable or knowledgeable enough. This presentation will cover resources and strategies as well as standards curriculum alignment.

Saturday

9:30 am

9:30-10:20 am

Prairie C

Session: 79

Feb. 6, 2010

Repeat of #16

Grade Level: 9-12+

Featured Speaker

Chris R. Olsen

Cedar Rapids Community Schools (Ret.)

Five Real Life Quadratic Function Problems (Alg I/II)

Tired of the standard ballistics and Golden Gate problems? Looking for rich contexts for your quadratic function lesson? In this session we will present 5 quadratic problems that you can take into class on Monday.

9:30-10:20 am

Prairie B

Session: 78

Feb. 6, 2010

Grade Level: 3-5

Featured Speaker

Penny S. Roberts

Greenville Elementary School

HAVE A BALL (TECHNICALLY A SPHERE) IN GEOMETRY

Learn a number of strategies for teaching geometry to meet the needs of students with different learning styles. Sing songs (a good singing voice is not required), use math literature, and integrate hands-on activities to make geometry interesting and meaningful for your students.

9:30-11:20 am

Dakota A

Session: 80

Feb. 6, 2010

2 hours--Repeat of #48

Grade Level: 3-5

Speaker: Penny Smith

SD DOE

Integrate Health and Math Using Data

Help your students collect, display and analyze data. Ideas include tallies, picto, bar, line and circle graphs, box & whisker and stem & leaf plots, as well as estimation. Use a variety of tools to develop students' understanding of mean, median and mode. We hope you like your veggies!

Saturday 9:30 am

9:30-10:20 am Session: 81
Dakota B Feb. 6, 2010

Repeat of #50

Grade Level: K-12+

Speaker: Mike Barondeau
Edmunds Central School

The Space Race of the 1930's
November 11th celebrates the 75th Anniversary of the Epoch-making flight of Explorer II into the stratosphere in 1935. Come and learn how South Dakota featured in this historic event.

9:30-10:20 am Session: 82
Dakota C Feb. 6, 2010

Grade Level: 6-12+

Speaker: Jane Healy
SD State Library

Online Resources for Math & Science
See how the South Dakota State Library subscription electronic resources support content area standards, enhance research, and promote 21st Century learning. Bring your laptop and follow along.

Next Year's Conference is
February 3, 4, and 5, 2011

Saturday 9:30 am

9:30-10:20 am Session: 83
Dakota D Feb. 6, 2010

Grade Level: 3-8

Speaker(s): Lisa R. Weier
Camelot Intermediate School, Brookings

Honeywell Space Academy for Educators
Learn about this 5-day program sponsored by Honeywell. Teachers from around the world come together to participate in astronaut-style training, simulations, and activities designed to promote life-long learning in a classroom setting. See images and video from this amazing experience, and learn about the Honeywell Scholarship Program.

9:30-10:20 am Session: 84
Dakota E Feb. 6, 2010

Grade Level: 6-12+

Speaker: David Ireland, 2008
Presidential Awardee in K-6 Science
South Middle School-Rapid City

Using Inquiry to Set the Stage for Instruction
Looking for a way to engage your students? Grab their interest with inquiry based activities. Instruction on a topic after an initial inquiry can be a useful model. Participants of this session will get to try quick, fun inquiries in Earth, Life, and Physical Science.

Saturday 9:30 am

9:30-10:20 am Session: 85
Dakota F Feb. 6, 2010

Repeat of #23

Grade Level: 6-12+

Sponsors: Matthew Miller & Larry
Browning & Chris Larson
SDSU

Meet the Science and Math Teachers
of Tomorrow

Share your expertise with future teachers to provide them with information useful in their first years of teaching. Students involved include Diedra Reuman, Laura Jones, Melanie Zinter, Emily Koehler, Samantha Loutsch, Alisha Burcham, Jodi Hall, and Ashley Schreurs.

9:30-10:20 am Session: 86
Dakota G Feb. 6, 2010

Grade Level: 9-12+

Speaker(s): Judy A. Vondruska
& Larry M. Browning
SDSU

What's Up? Tools for Observing the
Night Sky

This session will focus on helping you learn how to use a planisphere and a skygazer's almanac to find constellations, planets, and many other objects in the night sky. Everyone gets a free planisphere and almanac.

Saturday 9:30 am

9:30-10:20 pm Session: 87
Symposium Feb. 6, 2010

Repeat of #53

Grade Level: K-12+

Speaker
Paul Keidel
Representative of NSTA

Professional Development and the
NSTA Learning Center

The NSTA Learning Center can provide you with professional development in your area of expertise at a minimal cost or "free". The Learning Center can provide you with a transcript of completed hours to present to your administration.

9:30-11:20 am Session: 87.5
Salon Feb. 6, 2010

2 hours

Grade Level: 9-12+

Speaker: Dave Martin
Cheyenne Eagle Butte HS

Crafting Math

Various math concepts can be taken from concrete to abstract through the use of appropriate craft projects. 3-D ornaments, string art, and unique candles will be available for all participants.

Saturday 10:30 am

10:30-11:20 am Session: 88
Dakota B Feb. 6, 2010

Repeat of #37

Grade Level: K-12+

Speaker: Janet L. Briggs
BHSU

Science Misconceptions: Cavemen and Dinosaurs

"Cavemen and Dinosaurs Co-existed."

"You can see the moon only at night."

This session will point out other misconceptions held by K-12 students and provide research-based strategies for helping students move beyond them.

10:00-11:20 pm Session: 89
Dakota C Feb. 6, 2010

Grade Level: K-5

Speaker(s): Julie Olson
& Marica Shannon
Mitchell Senior/Middle School

Crayola Dream-Makers Science

Lessons based on National Visual Arts and National Science and Education Standards--hands-on. (Presentation materials provided by Crayola)

Saturday 10:30 am

10:30-11:20 am Session: 90
Dakota D Feb. 6, 2010

Grade Level: K-5

Speaker: Becky L. Kitts, 2008
Presidential Awardee in K-6
Mathematics

St. Joseph Catholic School, Pierre

Making the Math and Literature Connection

In this session participants will learn about a variety of inquiry based mathematical activities associated with popular children's books. Participants will also come away with activities & homework that do not involve worksheets. Handouts of activities available.

10:30-11:20 am Session: 91
Dakota E Feb. 6, 2010

Repeat of #28

Grade Level: 3-8

Speaker: Steven M. Rokusek
SD Public Broadcasting

Weather Watchers

Meteorologists use measurements to collect and analyze weather-related data to predict the weather. The activities in this session will provide ways to explore these same math & science concepts while having fun. Even chocolate will be used in this session to see how the evaporation of water can be used to keep something cool.

Saturday 10:30 am

**10:30-11:20 am Session: 92
Dakota F Feb. 6, 2010**

Grade Level: 6-12+

**Speaker(s): Sharon Rendon
& Sally Heberlein**
Rapid City Area Schools

Exploring the Area Model

This session will offer a journey through a middle and secondary curriculum illustrating how AREA is the foundation model for whole number multiplication, fractions, and polynomials. Participants will use algebra tiles and the generic rectangle as a basis for multiplying, factoring and then dividing polynomials to investigate problems that frequently offer a challenge to students.

**10:30-11:20 am Session: 93
Dakota G Feb. 6, 2010**

Grade Level: 6-12+

Speaker: Judy Vondruska
SDSU

Exploring the Sun

This session will explore sunspots, the sunspot cycle, solar flares and many other activities associated with the sun. Student activities will be provided. If you have a laptop, please bring one.

Saturday 10:30 am

**10:30-11:20 am Session: 94
Symposium Feb. 6, 2010**

Grade Level: 6-8

Speaker: Kevin Schroeder
It's About Time

Can Your Students Think Like Scientists?

With project based Inquiry Science your students will mirror what scientists do. They will design and run experiments and share ideas with each other as they address the big challenges and big questions in each unit.

**12:00 Noon Session: 95
Prairie A, B, C Feb. 6, 2010**

Grade Level: All

Facilitators: Cindy Kroon,
SDCTM President
& Ramona Lundberg,
SDSTA President

LUNCH

Announcements
Door Prizes

Saturday 1:00 pm

1:00-1:50 pm Session: 96
Prairie A Feb. 6, 2010

Grade Level: 9-12+

Speaker: Deborah Snook, 2009
Presidential Award State Finalist
Philip HS

Families of Parabolas

Participants will use graphing calculators in conjunction with hands-on activities that analyze the effects that result from changing each of the parameters of a, h, and k in the vertex form of a quadratic equation (Participants are asked to bring a graphing calculator if one is available.)

1:00-1:50 pm Session: 97
Prairie B Feb. 6, 2010

Repeat of #32

Grade Level: 3-8

Speaker: Brant G. Miller
U of M

Making Sense of STEM through Snow Snakes

Participants will learn about one way to mobilize the emerging multi-disciplinary approach known as STEM (Science, Technology, Engineering, and Mathematics). The context for this mobilization will be snow snakes which is a traditional American Indian game that was played by various tribes throughout North America.

Saturday 1:00 pm

1:00-1:50 pm Session: 98
Prairie C Feb. 6, 2010

Grade Level: K-2

Speaker(s): Brenda Danielson
Scotland Elementary
& Kristin Morse
Madison School District

Science Mini Lessons

Are you feeling frustrated that time for science is too brief? We have some ideas of how to create mini-lessons and centers for exploration. Let students explore a concept and then use mini-lessons to wrap up the topic.

1:00-1:50 pm Session: 99
Dakota A Feb. 6, 2010

Repeat of 29

Grade Level: 3-5

Speaker: Micheline A. Hickenbotham
BHSU

Helping Children Learn Math: Connecting Home and School

Fostering a positive attitude about math at home can help children learn math at school. This session will focus on tips, online resources, and real-life connection activities

Saturday 1:00 pm

1:00-1:50 pm Session: 100
Dakota B Feb. 6, 2010

Repeat of #41

Grade Level: 6-12+

Speaker(s): Jane Schnell
& O'Gorman Rocket Team
O'Gorman HS

TARC-Actually, It Is Rocket Science

Come learn more about the Team America Rocketry Challenge with the O'Gorman Rocket Team. The team will share what it takes to build a competition rocket and their experiences from competing at the National Finals.

1:00-2:50 pm Session: 101
Dakota C Feb. 6, 2010

2 hours-Repeat of #49

Grade Level: 9-12+

Speaker: Robin Cochran-Dirksen
Lead-Deadwood HS

Breeding Drosophila to Teach Homeobox Genetics and the History and Importance of Model Organisms in Research

Discussion of the importance of model organisms, history of some of the great Fly People and their research, and homeobox function in embryological development. View Drosophila through dissecting scopes and see demonstrations of how to establish stock cultures in your classrooms. (This was presented at the National Association of Biology Teachers Convention in November.)

Saturday 1:00 pm

1:00-2:50 pm Session: 102
Dakota D Feb. 6, 2010

2 hours—Repeat of #51

Grade Level: 3-8

Speaker(s): Laurie Root
& Maggie Engler
SD GF & P/Wildlife Experiences

Bird Brains, Unite!

Explore the Flying WILD materials, an extension of Project WILD. Cut a gizzard, migrate & compete in the Olympics. Meet live birds from SD and learn how they can visit your classroom.

1:00-1:50 pm Session: 103
Dakota E Feb. 6, 2010

Repeat of #57

Grade Level: 3-12+

Speaker(s): Nicole Keegan, Jannette Moehlman & Katie Anderson
Dakota Middle School-Rapid City

Moving Lab Notebooks to the Next Level

What can I do to get students to REALLY process the lab? Kick your lab notebooks up a notch. Learn ways to adapt what you already do to enhance learning.

Saturday 1:00 pm

1:00-1:50 pm **Session: 104**
Dakota F **Feb. 6, 2010**

Grade Level: K-12

Speaker: Laura Snow
DOE/ATS

Importing MS Word Tests into Achievement Series

This session will demonstrate, using a math test originally made in Word, how to import tests into Achievement Series using the Exam View Pro Suite.

1:00-1:50 pm **Session: 105**
Dakota G **Feb. 6, 2010**

Grade Level: K-12+

Speaker(s): Judy A. Vondruska,
Larry Browning
& Christine Larson
SDSU--AstroMath

Galilean Telescope Make and Take

Using some lenses, PVC pipe and some weather stripping, participants will make telescopes like Galileo made 400 years ago. The math of telescopes will also be discussed.

Saturday 1:00 pm

1:00-1:50 pm **Session: 106**
Dakota H **Feb. 6, 2010**

Repeat of #21

Grade Level: 9-12+

Speaker: Sheila McQuade
O'Gorman High School

Using the "Write" Tool in Geometry

In a culture of instant messaging and texting, it is even more important to get students to write in all disciplines. I will share with you some of the activities/lessons I've used to incorporate writing without sacrificing the math content.

1:00-1:50 pm **Session: 107**
Symposium **Feb. 6, 2010**

Repeat of #61.5

Grade Level: 6-12+

Speaker(s): Joseph Rand
& Michael Arquin
Kidwind Project

Wind Energy for the Classroom

Teachers will be introduced to the science behind wind power and exposed to engaging, hands-on wind energy lessons and activities for their classrooms.

Saturday 2:00 pm

**2:00-2:50 pm Session: 107.5
Dakota D Feb. 5, 2010**

Grade Level: K-12+

**Speakers: Nicole Keegan
& Brenda Murphey**
Dakota Middle School-Rapid City

Matters of the Heart

Get some samples of fun and unique ways to build relationships with your students. Warning: Chocolate will be present at this presentation.

**2:00-2:50 pm Session: 108
Prairie A Feb. 6, 2010**

Grade Level: 6-8

Speaker(s): Jan Martin
SD DOE

NAEP 2009: 8th Graders Are at the Head of the Class

NAEP 2009 math data will be presented with an emphasis on the variables that appear to give us an advantage over many other states in terms of student performance.

Saturday 2:00 pm

**2:00-2:50 pm Session: 109
Prairie B Feb. 6, 2010**

Repeat of #24

Grade Level: 6-12+

Speaker: Anne Lewis
SD Discovery Center

Biomonitoring for Climate Change

Biomonitoring for climate change is a professional development opportunity funded by EPA Region 5 Environmental Education Program. Twelve teachers will be trained and equipped (and we do mean equipped) to implement biomonitoring and climate change education in their classrooms. Come learn how you can participate.

**2:00-2:50 pm Session: 110
Prairie C Feb. 6, 2010**

Grade Level: K-5

Speaker: Kathleen L. Matthews
BHSU

Teaching Process Skills through Activities

In this session we will use activities to investigate the basic science process skills.



Saturday 2:00 pm

2:00-2:50 pm Session: 111
Dakota A Feb. 6, 2010

Repeat of #10

Grade Level: 3-5

Speaker(s): Kenneth Graupmann
SD Discovery Center

ATLSS Project (Advancing Teacher Leaders in Space Science)

Help teachers engage & educate students in space science utilizing innovative instructional strategies, effective curricular resources and engaging content. There will be a door prize of curriculum materials.

2:00-2:50 pm Session: 112
Dakota B Feb. 6, 2010

Grade Level: 9-12+

Speaker: Tom Berg, 2009
Presidential Award State Finalist
Mitchell HS

Parametric Equations, Projectiles and a Video Camera

This is a presentation on parametric equations. The students will launch a projectile and record the time it is in the air and how far it went. The video camera was used to find the initial velocity. Students will then find the equation that models this situation.

Saturday 2:00 pm

2:00-2:50 pm Session: 113
Dakota E Feb. 6, 2010

Grade Level: 6-12+

Speaker(s): Julie Olson
& Tricia Neugebauer
Mitchell High School

Movies and Science

Use of commercial movies to teach and illustrate scientific concepts in biology and chemistry.

2:00-2:50 pm Session: 114
Dakota F Feb. 6, 2010

Grade Level: 6-12+

Speaker: Jay Berglund
Gettysburg HS

Computer Software I Use in my Classroom

Demonstration of TI-Smart-View, TI-Interactive, Math Type and SmartBoard as well as equation editor software.

2:00-2:50 pm Session: 115
Dakota G Feb. 6, 2010

Repeat of #20

Grade Level: K-12+

Speaker: Nicole Keegan
Dakota Middle School-Rapid City

Moving to Inquiry

Learn ways to take "cookie cutter" labs and make them more investigative. Come with a lab that you already do--we will work to raise the student thinking!

Saturday 2:00 pm

2:00-2:50 pm **Session: 116**
Dakota H **Feb. 6, 2010**

Grade Level: K-12+

Speaker: Gregory Diersen
Great Plains :Lutheran

Prairie Plants-Identify and Preserve
Learn to better identify, preserve, and use native prairie plants for teaching. Practice with specimens from a research experience for teachers (RET) during the session.

2:00-2:50 pm **Session: 117**
Symposium **Feb. 6, 2010**

Repeat of #43.5

Grade Level: 3-8

Speaker: Steven Wegman

Wind for School
Wind for School is a pilot program from US. Department of Energy. This program brings an expert on wind energy in to the classroom. Check us out at WAC.SDWIND.ORG or OASDWIND.ORG.

VENDORS

Thank you for displaying your books and materials.

Would you like to see your ad here next year?
Contact James.Stearns@k12.sd.us

Saturday 2:00 pm

3:00-3:50 **Session: 118**
Dakota C **Feb. 6, 2010**

Grade Level: All

Facilitator: Jean Gomer
Deubrook Area Schools

Math Follow up
This is a chance to share your reflections on the sessions you attended at the conference.

3:00-3:50 **Session: 119**
Dakota F **Feb. 6, 2010**

Grade Level: All

Speaker(s): Ramona Lundberg
President of SDSTA

Science Follow up
This is a chance to share your reflections on the sessions you attended at the conference.

4:00- **Session: 120**
Board Room **Feb. 6, 2010**

Joint Conference Board Meeting

Participants
Thank you
for helping us make this
conference great!