Thursday  7:00 pm

7:00-9:00 pm  Thursday  Session:  1  
Ballroom B  Grade Level:  K-12  
Speaker(s)  Ken Graupmann, Facilitator  
SDSTA President  

Title:  Science Sharing Session  
Sharing lessons and activities will be the focus of this session. Bring 25 copies of your favorite activity or lesson.

7:00-9:00 pm  Thursday  Session:  2  
Ballroom C  Grade Level:  K-12  
Speaker(s)  Jean Gomer, Facilitator  
SDCTM President  

Title:  Math Sharing Session  
Sharing lessons and activities will be the focus of this session. Bring 25 copies of your favorite activity or lesson.

7:00-8:00 pm  Thursday  Session:  3  
Ballroom D  Grade Level:  K-3  
Speaker(s)  Dianne Miller  
SD Project Learning Tree  

Title:  Early Childhood and Project Learning Tree  
Introduce children to the wonders of environmental education at an early age. Activity guides will be available!

7:00-8:00 pm  Thursday  Session:  4  
Symposium  Grade Level:  All  
Speaker(s)  Jerry Loomer  
AAPT  

Title:  AAPT Videos  
Description:  Videos entered in the photo contest will be available for viewing.

Friday  8:30 am

8:30-9:20 am  Friday  Session:  5  
Ballroom B  Grade Level:  K-6  
Speaker(s)  Micheline Hickenbotham  
Black Hills State University  

Title:  Making Sense of Multiplication  
Description:  Tired of having students not knowing their multiplication facts? Do you see confusion when they solve multi-digit multiplication? Explore the various representations to make sense of multiplication.

8:30-9:20 am  Friday  Session:  6  
Ballroom C  Grade Level:  K-12  
Speaker(s)  Larry Browning  
SDSU  

Title:  Astronomy at SDSU  
Learn about SDSU's new remote observatory which should be online this summer. Learn how SD teachers and students can be involved in the use of the telescopes and astronomical research. Participants will also have the opportunity to complete a make-and-take astronomy project.

8:30-9:20 am  Friday  Session:  7  
Ballroom D  Grade Level:  9-12  
Speaker(s)  Mark M. Farrand  
Rapid City Central  

Title:  Let's Get Tropical!  
I will share my experiences from five summers of leading high school students to Costa Rica on the ultimate ecotourism adventure!
Friday 8:30 am

8:30-9:20 am Friday  
Salons  
Speaker(s) Bob Schuh  
McIntosh High School  
Title: Applying Geometry to the Real World  
The presentation will discuss several hands-on geometry activities which work well at the end of the year.

8:30-9:20 am Friday  
Symposium  
Speaker(s) Marlys B. Pearson  
Edison Middle School, SF  
Title: MATHCOUNTS  
This nationally recognized math program and competition will keep your middle school students challenged and enthused--all the way to nationals in Chicago, with expenses paid by MATHCOUNTS.

8:30-10:20 am Friday  
Church A  
Speaker(s) Becky Umenthum  
Belle Fourche Middle School  
Title: Problem Solving in the Middle Grades  
Help students develop problem solving skills by working in cooperative groups. Students solve problems in groups, present their solutions to the class. Handout of sample problems, cooperative group guidelines & rubrics for grading presentations.

8:30-10:20 am Friday  
Church B  
Speaker(s) Dave Kowal  
Holt, Rinehart & Winston  
Title: Labs, Labs, and More Labs for HS Science  
Enrich your high school science classes with new labs from Holt's cutting edge biology, chemistry, physics, environmental science & physical science instructional programs. Door prizes & drawings.

Friday 8:30 am

8:30-9:20 am Friday  
Church C  
Duplicate Session 54  
Speaker(s) Marie L. Steckelberg, Asst. Professor  
USD, JAMES Project  
Title: JAMES Project  
Joining Across Miles Environmental System--An exciting collaborative project that allows students to apply the scientific method, collect and share real data across the state.

8:30-9:20 am Friday  
Church D  
Speaker(s) Harlan J. Heitz  
Ipswich High School  
Title: Shadowing a Professional: What an Experience!!  
Come share ideas about what you have done in shadowing experiences. I have done this for many years.

Friday 9:30 am

9:30-11:20 am Friday  
Ballroom B  
Speaker(s) Betty Erickson  
Kearsarge Regional School District, NH  
FEATURED SPEAKER  
Title: Algebra Across the Primary Grades  
Using the NCTM Navigations series to connect your math program brings understanding of algebra in the primary grades.
**Friday 9:30 am**

**9:30-10:20 am Friday**  
**Session:** 15  
**Ballroom C**  
Grade Level: 7-12  
**Duplicate Session 57**  
**Speaker(s)** Sheila E. McQuade  
O’Gorman High School  
**Title:** Factoring and Foiling with Algebra Tiles  
Algebra Tiles can provide a great hands-on experience for your visual learners. Participants will receive a handout with sample lesson plans and patterns for homemade algebra tiles.

**9:30-11:20 am Friday**  
**Session:** 16  
**Ballroom D**  
Grade Level: 8-C  
**Speaker(s)** Andy Johnson  
Center for Math and Science Education, BHSU  
**FEATURED SPEAKER**  
**Title:** The Role of Misconceptions in Science Teaching  
Students come into our classes with alternate ways of thinking about the topics we teach. But so what—we teach them the right answers, don’t we? The presenters will provide copies of useful tools to evaluate whether students really understand certain topics in chemistry, biology, and physics. A second topic to be addressed is whether or how teaching the right answers can “fix” these misconceptions. Evidence from the research literature illuminates this question.

**9:30-10:20 am Friday**  
**Session:** 17  
**Salons**  
Grade Level: K-5  
**Speaker(s)** Kris Carmody  
Hanson School  
**Title:** Creatures of the Night  
This will be a presentation on a unit focusing on nocturnal animals, especially owls & bats. A cross-the-curriculum unit.

**Friday 9:30 am**

**9:30-11:20 am Friday**  
**Session:** 18  
**Symposium**  
Grade Level: 9-C  
**Speaker(s)** Dr. Curtis Olson, Moderator  
USD  
**Title:** Transition from High School to College Mathematics  
Representatives from the mathematics departments of the six state higher education institutions will discuss topics relevant to the transition for students from high school to college mathematics.

**9:30-10:30 am Friday**  
**Session:** 19  
**Church A**  
Grade Level: K-12  
**Speaker(s)** Michelle Mehlberg  
Department of Education  
**Title:** Digital Curriculum  
This will be an overview of what Digital Curriculum is, how SD teachers are using it, and who you can contact to sign up.

**9:30-11:20 am Friday**  
**Session:** 20  
**Church B**  
Grade Level: K-8  
**Duplicate Session 32**  
**Speaker(s)** Dianne Miller  
SD Project Learning Tree  
**Title:** Energy and Society  
Incorporate energy education into elementary and middle school curricula. Learn about opportunities to understand energy choices and consequences. Energy kits will be handed out!

**9:30-10:20 am Friday**  
**Session:** 21  
**Church D**  
Grade Level: 9-12  
**Speaker(s)** Harlan J. Heitz  
Ipswich High School  
**Title:** Will That Be Cash or Charge?  
This is a modeling physics concept of introducing the concept of “charge” using sticky tape experiments.
### Friday 10:30 am

10:30-11:20 am  
**Session: 22**  
**Ballroom C**  
Grade Level: 9-12  
**Speaker(s):** Janet L. Martin  
St. Mary Catholic School  
**Title:** Scientific Plays  
Use student plays to reinforce concepts such as photosynthesis and cellular respiration.

10:30-11:20 am  
**Session: 23**  
**Salons**  
Grade Level: K-4  
**Speaker(s):** Nancy J. Weller, Long Valley & Mary A. Graupmann, Kadoka Schools  
**Title:** Science in Literature  
Curl up with a good story book and let the science begin.

10:30-11:20 am  
**Session: 24**  
**Church A**  
Grade Level: 4-8  
**Speaker(s):** Becky Umenthum  
Belle Fourche  
**Title:** Math Games in the Middle Grades  
Liven up your math classes with a variety of fun games. Handout of games for the whole class as well as for small groups of students.

10:30-11:20 am  
**Session: 25**  
**Church B**  
Grade Level: 6-8  
**Speaker(s):** Dave Kowal  
Holt, Rinehart & Winston  
**Title:** Holt Science & Technology 2005 Unveiled  
Don't miss this opportunity to see Holt's newest products for middle school science. Door prizes & a drawing.

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### Friday 10:30 am

10:30-11:20 am  
**Session: 26**  
**Church D**  
Grade Level: K-12  
**Speaker(s):** Samra Trask  
Wall School District  
**Title:** Tomes & Times: Tie into Math with Literature!  
If a good story leads to a positive solution, is it math or is it literature? Using good children's literature to facilitate math concepts is fun, factual, and fluid. They won't realize they get it... Until they got it.

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11:45 am-1:10 pm  
**Session: 27**  
**Arena**  
Grade Level: All  
**Speaker(s):** Ken Graupmann & Jean Gomer  
LUNCHEON  
*Door Prizes will be given out. You must be present to win.*
**Friday 1:30 pm**

1:30-4:20 pm  
**Ballroom B**  
**Session:** 28  
**Grade Level:** 6-8  
**Duplicate Session 50**

**Speaker(s)**  
Marshalyn Baker  
Messalonskee Middle School, Maine  
**FEATURED SPEAKER**

**Title:** Mrs. B's ABC's and 1-2-3's of Space

Come and share the excitement of space with solar system educator, Marshalyn Baker. This 3-hour workshop will feature engaging activities that have high alignment with math standards and integrate well with other content areas.

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**Friday 1:30 pm**

1:30-3:20 pm  
**Symposium**  
**Session:** 32  
**Grade Level:** K-8  
**Duplicate Session 20**

**Speaker(s)**  
Dianne Miller  
SD Project Learning Tree  
**FEATURED SPEAKER**

**Title:** Energy and Society

Incorporate energy education into elementary and middle school curricula. Learn about opportunities to understand energy choices and consequences. Energy kits will be handed out!

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**Friday 1:30 pm**

1:30-2:20 pm  
**Session:** 29  
**Grade Level:** K-8  
**Ballroom C**

**Speaker(s)**  
Janet L. Briggs  
CAMSE/BHSU  
**FEATURED SPEAKER**

**Title:** Process Skills Circus

Experience the science process skills first-hand by participating in inquiry-based activities such as predicting and questioning. Discuss the inclusion of these tools for learning science in traditional and hands-on science programs.

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**Friday 1:30 pm**

1:30-2:20 pm  
**Session:** 30  
**Grade Level:** 4-12  
**Ballroom D**

**Speaker(s)**  
Pam Zubke  
Waubay School  
**FEATURED SPEAKER**

**Title:** Project Atmosphere: Weather Studies with Newspapers

The presenter will demonstrate a method for finding temperature patterns on a weather map and discuss reasons for the patterns. Will provide handouts.

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**Friday 1:30 pm**

1:30-2:20 pm  
**Session:** 31  
**Grade Level:** K-5  
**Salons**

**Speaker(s)**  
Marcy Farrand & Lee Shepherd  
Wilson Elementary, Rapid City  
**FEATURED SPEAKER**

**Title:** A Hands (and Feet) on Workshop

Integrating science and math with physical education.
**Friday**

1:30 pm

1:30-2:20 pm **Friday**  
**Session:** 35  
**Grade Level:** 9-12  
**Speaker(s):** Michael Hickenbotham  
**BHSU**  
**Title:** Global Warming  
We hear a lot about "global warming," but does it really exist? Is the "global" scare something media people have jumped on or is there scientific evidence supporting a "global warming" cause? If it does exist, is it man-caused or natural? What does the data say?

2:30 pm

2:30-4:20 pm **Friday**  
**Session:** 38  
**Grade Level:** 7-12  
**Speaker(s):** Betty Erickson  
**Kearsarge Regional School District, NH**  
**FEATURED SPEAKER**  
**Title:** Fractals at the Elementary Level  
What do Sierpinski and chaos have in common? Come find out!

1:30-4:20 pm **Friday**  
**Session:** 36  
**Grade Level:** K-6  
**Speaker(s):** Micheline A. Hickenbotham  
**BHSU**  
**Title:** Learning Science through Inquiry or Discovery  
This hands-on workshop simulates the elementary classroom environment. Participants will use the scientific method in an inquiry based, then a discovery based science problem.

1:30-2:20 pm **Friday**  
**Session:** 37  
**Grade Level:** 6-8  
**Speaker(s):** David Kowal  
**Holt, Rinehart & Winston**  
**Title:** Motivate the Unmotivated with Scientific Discrepant Events  
Join us to learn how discrepant events can enliven your classroom and enhance student performance. Door prizes and drawings. Handouts will be provided.

2:30-3:20 pm **Friday**  
**Session:** 39  
**Grade Level:** 5-12  
**Speaker(s):** Ken Graupmann  
**Kadoka Schools**  
**Title:** Hands on Plastic  
Do a plastics analysis lab with materials supplied to the Middle Level Science Teachers Association from the American Plastics Council. Receive information on how to get a kit for classroom use.

2:30-4:20 pm **Friday**  
**Session:** 40  
**Grade Level:** 6-8  
**Speaker(s):** Jean Gomer  
**Deubrook Area Schools**  
**Title:** Teaching Reading in the Math Classroom  
Teaching students in grades 7-12 the value of being able to read their math books has become increasingly important. This session will share ideas on how to promote good reading habits in the math classroom.
3:30-4:20 pm Friday  Session: 42
Ballroom C  Grade Level: 9-12
Speaker(s)  Kristin Schultz
The Jane Goodall Institute
Title:  Roots & Shoots-Lessons for Hope
Learn about Roots & Shoots, a community-based service learning program, and our newest high school materials-Lessons for Hope. Using Dr. Jane Goodall’s life as an example, these web-based materials will inspire students to lead and take action in their communities. Handouts and research will be provided.

3:30-4:20 pm Friday  Session: 43
Symposium  Grade Level: All
Title:  AAPT Business Meeting

3:30-4:20 pm Friday  Session: 44
Church A  Grade Level: 6-9
Speaker(s)  Laurie A. Smock
Holt, Rinehart & Winston
Title:  Don’t Just Teach'em, Reach 'em
Learn to incorporate the NCTM Process Standards into your classroom. Walk away with 30 activities you can use in your classroom.

3:30-4:20 pm Friday  Session: 44.5
Church C  Grade Level: 9-12
Speaker(s)  Ramona Lundberg
Deuel School
Title:  My Favorite Resources
As a veteran high school biology, chemistry and advanced biology teacher, I have collected a variety of resources and will share information on the ones I like the best.

4:30-5:30 pm Friday  Session: 45
Salons  Grade Level: All
Speaker(s)  Ken Graupmann, President
SDSTA
Title:  SDSTA Business Meeting

4:30-5:30 pm Friday  Session: 46
Symposium  Grade Level: All
Speaker(s)  Jean Gomer, President
SDCTM
Title:  SDCTM Business Meeting

5:00-6:30 pm Friday  Session: 47
Lobby area  Grade Level: All
Title:  Holt, Rinehart & Winston Reception

7:00-9:00 pm Friday  Session: 48
Ballrooms  Grade Level: All
BANQUET

Speaker  Ron Dyvig
He will discuss the background, history, construction, and operation of Badlands Observatory. He will include information about the Asteroid Research & Public Outreach Programs.
Saturday  7:00 am

**Session:** 49  
**Salons**  
**Speaker(s):** Diana McCann & Ramona Lundberg  
**Title:** Presidential Awardee Breakfast  
All past and present awardees (math and science) are invited to join us for breakfast.

Saturday  8:30 am

**Session:** 52  
**Ballroom D**  
**Speaker(s):** Betty Erickson  
**Title:** Family Math Nights  
See how a local McDonald’s and Pizza Chef support Family Math.

Saturday  8:30 am

**Session:** 50  
**Ballroom B**  
**Speaker(s):** Marshalyn Baker  
**Title:** Mrs. B’s ABC’s and 1-2-3’s of Space  
Come and share the excitement of space with solar system educator, Marshalyn Baker. This 3-hour workshop will feature engaging activities that have high alignment with math standards and integrate well with other content areas.

8:30-9:20 am  Saturday  
**Session:** 51  
**Ballroom C**  
**Speaker(s):** Rena Faye Norby  
**Title:** Connected Mathematics--Effective Methods of Teaching Middle School Math  
Connected Mathematics is an NSF sponsored Middle School mathematics curriculum that helps students develop understanding of important concepts, skills, procedures, and ways of thinking and reasoning in number, geometry, measurement, algebra, probability and statistics. This session will provide an opportunity for the summer CMP workshop participants at BHSU to have input to planning the Summer 2004 workshop, to recruit new CMP participants and to participate in a CMP activity, share some ideas. Snacks provided.

Saturday  8:30 am

**Session:** 53  
**Salons**  
**Speaker(s):** Diana McCann & Ramona Lundberg  
**Title:** The "ins" and outs of the Presidential Award Application  
Tips to help complete the Presidential Award Application will be given.

8:30-9:20 am  Saturday  
**Session:** 54  
**Symposium**  
**Speaker(s):** Marie L. Steckelberg, Asst. Professor  
**Title:** JAMES Project  
Joining Across Miles Environmental System--An exciting collaborative project that allows students to apply the scientific method, collect and share real data across the state.

8:30-9:20 am  Saturday  
**Session:** 55  
**Church A**  
**Speaker(s):** Kevin J. Reins, Ph.D.  
**Title:** Contrasting Cases-A Truly Novel Instructional Strategy  
How to use appropriately arranged contrasting cases and scaffolded inquiry to help students recognize meaningful math patterns and concepts with which students typically struggle.
Saturday 8:30 am

8:30-9:20 am Saturday  Session: 56
Church B  Grade Level:  9-12
Duplicate Session 7
Speaker(s)  Mark M. Farrand
Rapid City Central
Title:  Let's Get Tropical!
I will share my experiences from five summers of leading high school students to Costa Rica on the ultimate ecotourism adventure!

8:30-9:20 am Saturday  Session: 57
Church C  Grade Level:  7-12
Duplicate Session 15
Speaker(s)  Sheila E. McQuade
O'Gorman High School
Title:  Factoring and Foiling with Algebra Tiles
Algebra Tiles can provide a great hands-on experience for your visual learners. Participants will receive a handout with sample lesson plans and patterns for homemade algebra tiles.

8:30-9:20 am Saturday  Session: 58
Church D  Grade Level: 7-C
Speaker(s)  Steve Moeckly & James Stearns
Bristol School District
Title:  Science with Pizazz!
Steve & James will share a few of their favorite physical science & chemistry labs and demos. Hand-outs will include materials and procedures.

9:30-11:20 am Saturday  Session: 59
Ballroom C  Grade Level:  5-12
Speaker(s)  Jerry Opbroek
SD Mobile Science Lab
Title:  SD Mobile Science Lab
An informational meeting for teachers who have had the MSL at their school and for teachers who are interested in having it.

Saturday 9:30 am

9:30-10:20 am Saturday  Session: 60
Salons  Grade Level:  6-12
Duplicate Session 15
Speaker(s)  Carolyn L. Burns
Watertown High School
Title:  Kaboom!
What does a chemistry teacher do at an Earth Science Workshop? Come and see the activities developed for copper mining applications.

9:30-11:20 am Saturday  Session: 61
Symposium  Grade Level:  K-12
Speaker(s)  Shannon Amiotte, SD DOE
Roxie Ahlbrecht, Sioux Falls & Rebecca Umenthum, Belle Fourche
Title:  NBPTS and the Mathematics Teacher
The National Board for Professional Teaching Standards articulates a vision of mathematics teaching and describes what accomplished teachers of mathematics should know and be able to do. This session will help you learn more about NBPTS and how the "standards' can help you improve student achievement.

9:30-11:20 am Saturday  Session: 62
Church A  Grade Level:  K-12
Speaker(s)  Marilyn Rindfuss
Harcourt Assessment, Inc.
Title:  Mathematics Assessments: Eliciting Students Best Work
This presentation will suggest instructional strategies designed to improve students' performance on STEPS and all other assessments they encounter in mathematics.
Saturday 10:30 am

9:30-11:20 am Saturday Session: 63
Church B Grade Level: 6-8
Speaker(s) Dr. Christine Larson SDSU

Title: Using the Connected Math Project to Teach Algebra
This workshop will concentrate on the units in the CMP curriculum that emphasizes algebra. Teachers will learn to approach algebraic ideas through investigations.

9:30-11:20 am Saturday Session: 67
Church C Grade Level: 4-12
Speaker(s) Pam Zubke Waubay School District

Title: Project Atmosphere: Air-Sea Interaction and El Nino/La Nina
Investigate coastal upwelling and downwelling. Predict general sea surface temperature patterns and influences on weather and climate. Will provide handouts.

9:30-10:20 am Saturday Session: 64
Church C Grade Level: 9-11
Speaker(s) Jerry A. Ogden Deubrook Area Schools

Title: Patty Paper Activities
Using patty paper to illustrate theorems, postulates, or various other concepts.

9:30-10:20 am Saturday Session: 68
Church D Grade Level: 9-12
Speaker(s) Bill Gripentrog & Susan Fairchild Watertown High School

Title: How We Learned to Stop Worrying and Learned to Love the Laptops
An overview of how we use laptop computers everyday in our math classroom. A presentation of software called "Discourse" and online textbook.

10:30-11:20 am Saturday Session: 65
Church D Grade Level: 7-C
Speaker(s) Steve Moeckly & James Stearns Bristol School District

Title: You're Doing What with a TI-83?
Are you tired of seeing those wonderful calculators being used for just adding a column of numbers or for multiplying by two? Add a CBL & see your calculators & students come alive.

10:30-11:20 am Saturday Session: 69
Salons Grade Level: K-6
Speaker(s) Micheline Hickenbotham BHSU

Title: Making Sense of Multiplication
Tired of having students not knowing their multiplication facts? Do you see confusion when they solve multi-digit multiplication? Explore the various representations to make sense of multiplication.

Saturday 10:30 am

12:00 Noon

12:00-1:00 pm Saturday Session: 69
Ballrooms Grade Level: All
Speaker(s) Jean Gomer & Ken Graupmann

LUNCHEON

Door Prizes will be given out. You must be present to win.
Saturday 1:30 pm

1:30-3:20 pm Saturday  
Session: 70  
Ballroom B  
Speaker(s) Ron Dyvig  
Badlands Observatory  
**FEATURED SPEAKER**  
**Title:** Astronomy  
This session is a follow-up to Friday night’s banquet presentation.

1:30-3:20 pm Saturday  
Session: 71  
Ballroom C  
Speaker(s) Andy Johnson  
CAMSE/BHSU  
**FEATURED SPEAKER**  
**Title:** Inquiry in K-3 Math--an example  
What can you do to help students in early grades understand math and develop useful mathematical reasoning habits? Participants will engage in an example activity involving problem solving and addition and subtraction. We will also study how students in a classroom make sense with this problem.

1:30-3:20 pm Saturday  
Session: 72  
Ballroom D  
Speaker(s) Marilyn Rindfuss & Cindy Kroon  
Harcourt Assessment, Inc.  
**Title:** The Speeding Ticket Investigation  
This presentation will show how to introduce linear function topics in Algebra I in an engaging context that can virtually ensure student understanding. An extensive handout will be provided. Bring your graphing calculator.

1:30-2:20 pm Saturday  
Session: 73  
Salons  
Speaker(s) Judy Vondruska  
SDSU  
**Title:** What Are My Students Thinking?  
This session will present a model to improve student interaction during class lectures and provide insights into their understanding.

Saturday 1:30 pm

1:30-3:20 pm Saturday  
Session: 74  
Symposium  
Speaker(s) Shannon Amiotte  
SD DOE  
**Title:** SD Mathematics Standards  
The revised SD Math Standards identify challenging math standards that provide a listing of essential, core content that is rigorous and representative of a commitment to excellence. This session will introduce you to the format of the revised standards and provide insight on how to utilize them in your classroom.

1:30-2:20 pm Saturday  
Session: 75  
Church A  
Speaker(s) Kevin J. Reins, Ph.D.  
USD  
**Title:** Math Beneath Its Surface  
Diving in, exploring the depths, and coming up for air. Mathematics requires more than a procedural understanding. Students need to develop an appreciation and understanding of the inner workings and structure of mathematics. Activities will uncover mathematical concepts with which students typically struggle.

1:30-2:20 pm Saturday  
Session: 76  
Church B  
Speaker(s) Jerry Loomer  
Rapid City Central  
**Title:** Global Warming--Does It Really Exist?  
We hear a lot about "global warming," but does it really exist? Is the "global" scare something media people have jumped on or is there scientific evidence supporting a "global warming" cause? If it does exist, is it man-caused or natural? What does the data say?
1:30-2:20 pm  Session: 77  
Church D  
Grade Level:  5-12  
Speaker(s)  Felicia L. Busch  
                Felicia Busch & Associates, Inc.  
Title:  Harvest on the Horizon  
This session will provide a look at the science behind food biotechnology, examine the benefits and current applications, explore arrange of viewpoints on this issue, and suggest interactive learning opportunities to enhance students' understanding. Hands-on activities will be included along with classroom resource material and DNA samples.

2:30-3:20 pm  Saturday  Session: 78  
Salons  
Grade Level:  5-12  
Speaker(s)  Ken Graupmann  
                Kadoka Schools  
Title:  El Nino  
Leave the working of the tropical Pacific Marine Environment that causes El Nino and La Nina using materials from the Maury Project.

2:30-3:20 pm  Saturday  Session: 79  
Church B  
Grade Level:  9-12  
Speaker(s)  Jerry Loomer  
                Rapid City Central  
Title:  Fire Up with Model Rocketry  
Participants will build, launch, and take home a reusable model rocket. They will receive curriculum materials and practical suggestions on fitting model rocketry into your present curriculum. You may bring your children to assist you in rocket building.

3:45-5:30 pm  Saturday  Session: 80  
Board room  
Speaker(s)  Ken Graupmann & Jean Gomer  
Title:  Joint Conference Board Meeting