

**SCIEMATICS 2010: Schedule**

<b><u>SESSION</u></b>	<b><u>PRESENTER</u></b>	
<b><u>THURS NOV 4</u></b>		
Key Note Speaker		
How Children Learn	Dr. Shaun Murphy	U of Sask

**FRI NOV 5**

<b><u>9:00-10:15 AM</u></b>		
<b>Sask Renewed Math Curriculum</b>	<b>Gale Russell</b>	<b>Sask Ministry of Ed</b>
Math Manipulatives - Fraction Circles (2 sessions)	Maryanne Kotylak	Regina Public Schools
1) Genes in a Bottle (1.5 hour) – Grades 8-12	Bob Malyk	Bio-Rad Laboratories (Canada)
Science 10 Weather unit	CRYSTAL group	U of Regina
Science 6 Electricity unit	Kim Brown	Regina Public Schools
Sustainability: From a Global Awareness to a Local Action	Lyle Benko	
Gotta Get Gizmo – Teaching Inquiry with Simulations	Stephen Lippa	
Math FROG	Jim Schurter	U of Waterloo
The Challenge of Quantum Reality	Patrick A Kossmann	The Perimeter Institute for Theoretical Physics - PI
Vernier LabQuest Data Collection and Analysis Hands-on Workshop	Robert (Bob) Anderson	Merlan Scientific
Strategies for DI, Assessment and Technology in the Secondary Science Classroom	Stephanie Pipke-Painchaud	
A New Alliance for 3–5 Science: Curriculum, Inquiry, and Resources	Connie Molnar	
Introducing the Nuclear Technology: Exploring Possibilities Educators Website	Scott Taylor, Kim Taylor	Canadian Nuclear Association
Cutting Edge Technology to Engage All your Secondary School Math and Science Students	Deborah Homuth	Pearson Canada
First Nations and Métis Ways of Knowing: Leading the Way	Ted View, Dr. Herman Michell, Dr. Glen S. Aikenhead	Pearson Canada
Interactive Activities for Grade 9 Science	Scott Stephens and Jade Ballek	Sun West SD

<b>10:30-11:45 AM</b>		
<b>Sask Renewed Science Curriculum</b>	<b>Dean Elliott</b>	<b>Sask Ministry of Ed</b>
Math Manipulatives - Fraction Circles (2 sessions)	Maryanne Kotylak	Regina Public Schools
Nobody asked me but “Why Not Teach Conics?”	Rick Seaman	U of Regina
Math FROG	Jim Schurter-U of Waterloo	U of Waterloo
Math Profile Assessment Tool	Tanya Braybrook	
McGraw-Hill Ryerson’s New Pre-Calculus 11	Heather Granger	McGraw-Hill
Glogs for the Inquiring Mind	Patty Serwotki	
Assessment Strategies for Both new Math 10’s	Lindsay Collins & Richard Donnelly	
Using Technology in the Math Classroom Elementary	Jud Trenholm	Prairie Valley SD
Nspiring Times	Darryl Marchand	Texas Instruments
Vernier LabQuest Data Collection and Analysis Hands-on Workshop	Robert (Bob) Anderson	Merlan Scientific
Panterra Expedition Workbook	Lela Sankeralli	Panterra Educational and Cultural Training Society
A New Alliance for 6–8 Science: Curriculum, Inquiry, and Resources	Terry Johanson	Pearson Canada
How to Engage Students in Senior Biology	Sid Greenstone	McGraw-Hill Ryerson
Cutting Edge Technology to Engage All your Secondary School Math and Science Students	Deborah Homuth	Pearson Canada
Introduction to Laboratory Safety Webinar	Mark Meszaros	Scholar Chemistry
Sequentially increasing multi-attempt testing with best performance evaluation	Dr. Gregory V. Akulov	Luther College - U of Regina
This new approach to teaching and learning mathematics sounds great and all, but I teach high school mathematics.	Egan Chernoff	University of Saskatchewan

<b>1:00-2:15 PM</b>		
The Slope of the Angle Bisector Relationship in Applied and Theoretic Problems	Dr. Gregory V. Akulov	Luther College - U of Regina
Math Manipulatives - Cuisinaire Rods (2 sessions)	Maryanne Kotylak	Regina Public Schools
Math FROG	Jim Schurter-U of Waterloo	U of Waterloo
Assessment for Learning in an Elementary Math Classroom	Tanya Braybrook	
Biotechnology Explorer pGLO Bacterial Transformation Kit (1.5 hr) – Grades 8-12	Bob Malyk	Bio-Rad Laboratories (Canada)
Clean Coal technologies	Dr. Don Lee	
Science 9 Exploring universe unit	Karen MacDonald	Regina Public Schools
Environmental Education is Fun for Everyone	Peta White	U of Regina
Nuclear Energy	Clair Ripley	Atomic Energy of Canada Limited
Problem Based Learning in the Sr. Science Classroom	Jon Treloar	U of Sask
NXT Lego Robotics	Melanie Meade	Spectrum
Supporting the New Middle Years Curriculum: Programs from the Canadian Wildlife Federation (CWF)	Lizabeth Nicholls	Canadian Wildlife Federation
Probes and Data Collection with TI-Nspire	Darryl Marchand	Texas Instruments
Outcomes-based Assessment	Tim Eirich and David Hall	Prairie South SD
Different Folks, Different Strokes: Using Technology to Personalize Learning	Garry Davis	Pearson Canada
Dark Matter as an Application of Circular Motion	Karen Kennedy-Allin	The Perimeter Institute for Theoretical Physics – PI
We're talking the talk, but are we walking the walk?	Egan Chernoff	University of Saskatchewan

<b>2:30-3:45 PM</b>		
The New Pre-Calculus 11 and 12 Curriculum and You!	Heather Granger	McGraw-Hill
Math Manipulatives - Cuisinaire Rods (2 sessions)	Maryanne Kotylak	Regina Public Schools
Nuclear Power Production	Doug Boreham	McMaster University/Bruce Power
Souper Solar Water Heater Project for Physics 20	Greg Taylor	Regina Public Schools
Einstein's Relativity and the GPS	Karen Kennedy-Allin	Cornerstone SD
Gotta Get Gizmo – Teaching Inquiry with Simulations	Stephen Lippa	ExploreLearning
Music to Supplement Science Courses	Lewis Bevan	
Science 10 Biodiveristy unit	CRYSTAL Group	U of Regina
Forensics Labs for the Classroom	James Palcik & Phil Langford	
Science 7 curriculum unit on Mixtures and Solutions	Larry W. Bogdan	Prairie South SD
Supporting the New Elementary Curriculum: Programs from the Canadian Wildlife Federation (CWF)	Lizabeth Nicholls	Canadian Wildlife Federation
Vernier LabQuest Mini Data Collection and Analysis on Computer with Logger Pro	Robert (Bob) Anderson	
Teaching Pre-calculus 11: How Can I Get My Students to Own their Learning?	Garry Davis	Pearson Canada
A New Alliance for Grade 9 Science: Curriculum, Inquiry, and Resources	Penny Mohr	Pearson Canada
How to Engage Students in Senior Chemistry	Sid Greenstone	McGraw-Hill Ryerson
Problem Based Math and Technology	Leanne Forrest	Regina Catholic SD
SOEEA and Flying WILD Info session	Jolene Siemens	SOEEA

**SAT NOV 6**

<b>9:00-10:15 AM</b>		
<b>Sask Science Curriculum Bearpit</b>	<b>Dean Elliott</b>	<b>Sask Ministry of Ed</b>
Math Manipulatives - Cuisinaire Rods (2 sessions)	Maryanne Kotylak	Regina Public Schools
THE CITY ~ a FREE Resource for Teaching Financial Literacy	Barbara McKinnon	Financial Consumer Agency of Canada
Using Technology in the Math Classroom High School	Jud Trenholm	Prairie Valley SD
What is New with TI	Darryl Marchand	Texas Instruments

<b>10:30-11:45 AM</b>		
<b>Sask Math Curriculum Bearpit</b>	<b>Gale Russell</b>	<b>Sask Ministry of Ed</b>
Science 10 Motion unit	CRYSTAL group	U of Regina
Accelerometer Project for Physics 30	Greg Taylor	Regina Public Schools
Math Manipulatives - Fraction Circles (2 sessions)	Maryanne Kotylak	Regina Public Schools
NXT Lego Robotics	Melanie Meade	Spectrum

<b>9:00 AM - 3:00 PM</b>		
Project Wild & Below Zero	Lizabeth Nicholls	Canadian Wildlife Federation