

Thursday, November 1, 2007

<p>#001 8:00-10:10 Peabody Salon A</p>	<p>Extended Session 9-12 Language Arts</p>	<p>Presenters Presider Description</p>	<p>Literary Circles Jo Barnes and Grimsley Graham/Rogers School District Grimsley Graham/Rogers School District Demonstration of how literary circles work in the classroom. This will be interactive to allow teachers to partake in the experience of the literary circles.</p>
<p>#002 8:00-10:10 Peabody Salon B</p>	<p>Extended Session 6-9 Science</p>	<p>Presenters Presider Description</p>	<p>Inquiry Teaching and Learning in the Integrated Science Classroom Sherry Lane, Eddie Prince, Amanda Teff, David Williams, Melinda Williams, Marilyn Yates/Alma School District and Debby Rogers/NEAR Rural Institute for Mathematics and Science Sherry Lane/Alma School District During this engaging interactive workshop, participants will investigate the five essential elements of inquiry, develop full understanding of critical open and guided inquiry teaching techniques, and learn how to use criteria to evaluate lessons and science assessment. Participants will experience exciting Arkansas Recommended Middle level inquiry materials to take home.</p>
<p>#003 8:00-9:00 Peabody Salon C</p>	<p>Session K-4 Science</p>	<p>Presenters Presider Description</p>	<p>Teaching Inquiry-Based Science Using the Five "Es" and the Literacy Block Jennifer Gammill/NWASEC, Ashley McDonald and Tami Eggensperger/Cabot School District Ashley McDonald/Cabot School District This session will focus on teaching inquiry-based science units using the five "Es" of science. Strategies for using the literacy block, science notebooks, technology, and science centers will be used.</p>
<p>#004 8:00-9:00 Peabody CC Arkansas Ballroom</p>	<p>Session 6-8 Language Arts</p>	<p>Presenter Presider Description</p>	<p>Improving Reading Achievement For All Students Nell Weaver/Little Rock School District Linda Arnold/ACTELA This session will focus on dynamic teaching strategies for motivating even the most reluctant students to get excited about reading and writing.</p>
<p>#005 8:00-10:10 Peabody CC Riverview</p>	<p>Extended Session 5-6 Math</p>	<p>Presenter Presider Description</p>	<p>Algebraic Thinking for 5th and 6th Graders Emily Finney/Pocahontas School District Aimee Evans/Mathematics Education Consultant Most texts do not go far enough to prepare your fifth and sixth graders for success with the algebra SLE's. Learn how to fix it, or at least how to get started.</p>
<p>#006 8:00-9:00 Peabody CC Petit Jean</p>	<p>Session 5-12 Language Arts</p>	<p>Presenter Presider Description</p>	<p>Challenging Students to Write While Preparing for the Language Arts Festival Jeff Whittingham/University of Central Arkansas Erin McFalls/Fayetteville School District Explore the ACTELA Language Arts Festival in the classroom. The presenter will share teaching strategies used in the writing classroom to prepare students to become better writers and to participate in the Arkansas Language Arts Festival.</p>
<p>#007 8:00-9:00 Peabody CC Chicot</p>	<p>Session 7-12 Science</p>	<p>Presenter Presider Description</p>	<p>Chemical Waste Management for the Secondary School Steve Zimmer/Math and Science Institute, ATU Sharon Pierce/Retired ASTA Disposal methods of wastes produced from chemical experiments will be discussed. Participants are encouraged to bring descriptions of specific wastes generated in a lab for discussion.</p>
<p>#008 8:00-9:00 Peabody CC Harris Brake</p>	<p>Session K-8 Social Studies</p>	<p>Presenter Presider Description</p>	<p>Curriculum Is Not Limited to the Classroom Melony Cumbie/Historic Washington State Park Kimble Edwards/Pulaski County Special School District Looking for a one-stop learning experience? Washington is more than a virtual tour- memory and curriculum connections are both made here. Discover how this site is a platform for learning.</p>

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#009 8:00-10:10 Peabody CC White Oak	Extended Session 5-12 Language Arts	Presenter Presider Description	Simple Things To Do for Literacy Angie Zimmerman/Arch Ford Educational Service Cooperative Leslie Boles/Cabot School District This session will introduce simple and easy ways to add literacy into any content area. From poetry to charting temperatures, there is something for everyone.
#010 8:00-10:10 Peabody CC Grampas	Extended Session 7-12 Math	Presenters Presider Description	Mission: M Possible - Mathematics, Mentors, and Motivation Susan Creekmore, Jerry McCorkle, and Judith Campbell/West Memphis Christian Schools Jerry McCorkle West Memphis Christian School Come and experience the missions that our students in grades 7-12 are asked to solve using a TI-84+ graphing calculator and robot. Handouts will be provided.
#011 8:00-9:00 Peabody CC Ouachita	Session 5-16 Language Arts	Presenter Presider Description	Visuals and Writing: Finding, Creating, Integrating, and Documenting Robert Lamm/Arkansas State University Andrea Glen/Vilonia School District Charts, graphs, sketches, and photographs are a vital part of written communication. This session will focus on 1) finding and creating visuals and 2) integrating and documenting them in a written text.
#012 8:00-9:00 Peabody CC Neosho	Session K-12 Social Studies	Presenter Presider Description	Why Germany? Susan Jeffries/Bryant School District Zach Bledsoe/Lakeside School District Learn about educational opportunities for educators in Germany and other places, many at no or low cost. Bring understanding of culture into your classroom. Go places without spending a dime!
#013 8:00-10:10 Peabody Manning	Extended Session K-16 Science	Presenter Presider Description	Hands-on, Inquiry-Based, Real Science, Life Cycles on Earth and in Space Craig Wilson/Texas A&M University Steve Noble/Great Rivers Education Cooperative Put the fun back into Science through inquiry and let your students do "stuff". Free insects for the classroom; activities you can use the next week; links to real science and scientists.
#014 8:00-9:00 Peabody Hoffman	Session 7- 12 Math	Presenter Presiders Description	Reaching Visual Learners Through TI APPS, Part I Christie Alexander/Bentonville School District Joanne Smith/West Memphis School District Come and see COOL graphics on the TI-84 Plus calculator that help students understand measurement concepts.
#015 8:00-9:00 Peabody Peck	Session 9-12 Math	Presenters Presider Description	Poster Session: Secondary Math Problems--Algebra Focus ACTM Board Debbie Gibson/Greenbrier School District High School students will display interesting algebra problems and explorations that they have solved and explained for topics from Algebra 1 to Algebra 2. Some sponsors will be available at all times to discuss the problems.
#016 8:00-9:00 Peabody Marion	Session 5-12 Language Arts	Presenter Presider Description	Literature Circles: Giving Students Choice in the Classroom Melissa Wilson/SEARK Education Service Cooperative Betty Ramsey/Henderson State University This workshop will provide participants with practical information on how to implement and sustain Literature Circles within their classrooms.
#017 8:00-9:00 Peabody Pinnacle	Session K-12 Science	Presenter Presider Description	MESSENGER: Mission To Mercury Paula Armstrong/North Little Rock School District Terri Frost/DeQueen Mena Education Cooperative Learn about the study that is to take place on Mercury and receive curriculum resources.

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<p>#018 8:00-10:10 Convention Center Toltec</p>	<p>Extended Session 6-9 Science</p>	<p>Presenter Presider Description</p>	<p>Plaster Master Kate Lacy/ Springdale School District Gayle Ross/NAESC Hands-on. Use plaster to study how additives can change the properties of a chemical product. Tie this in with the 5 types of chemical reactions and reading chemical equations.</p>
<p>#019 8:00-9:00 Convention Center Caraway I</p>	<p>Session 7-12 Math</p>	<p>Presenter Presider Description</p>	<p>Getting To Know the Amended Algebra 1 and Geometry Frameworks Linda Griffith/University of Central Arkansas Javier Taylor/Arkansas Tech University The Algebra 1 and Geometry Frameworks were amended in 2006, and the amendments take effect this school year. This session will look at the changes to these frameworks and will suggest instructional strategies appropriate for implementing the changes.</p>
<p>#020 8:00-10:10 Convention Center Caraway II</p>	<p>Extended Session 5-12 Language Arts</p>	<p>Presenter Presider Description</p>	<p>QAR Question, Answer, Relationship. A Comprehension Strategy Mary Gayle Burgess/Arkansas Department of Education Steve Ward/University of Central Arkansas QAR is a comprehension strategy for all content areas. This strategy provides a framework for organizing comprehension instruction and questioning activities. It develops higher-level thinking in all students.</p>
<p>#021 8:00-5:00 Convention Center Caraway III</p>	<p>Short Course Ticket Required 5-8 Math</p>	<p>Presenter Presider Description</p>	<p>Proportional Reasoning Connects the Five Content Strands in Middle School Jean McGehee/University of Central Arkansas Jean McGehee/University of Central Arkansas (Ticket Required) Proportional reasoning is the centerpiece of the middle school curriculum and connects all content strands. Five rich problems—one from each strand will demonstrate how proportional reasoning develops in grades 5-8. A CD with problems and activities will be provided.</p>
<p>#022 8:00-10:10 Convention Center Miller</p>	<p>Extended Session 6-8 Science</p>	<p>Presenter Presider Description</p>	<p>Hands-on Science Investigations to Meet Arkansas Standards Tammy Winslow/Crowley's Ridge Educational Service Cooperative Tammy Winslow/Crowley's Ridge Educational Service Cooperative This workshop will present hands-on investigations to meet Arkansas Science Framework for Grades 6-8: Focus on Physical Science. Free Delta Science Reader to all participants.</p>
<p>#023 8:00-10:10 Convention Center Izard</p>	<p>Extended Session 5-8 Science</p>	<p>Presenters Presider Description</p>	<p>INQUIRY: Why Is It Important? Why Do We Need It? Sherry Smith/Dawson Education Cooperative and Peggy Stanley/Cutter Morning Star School District Peggy Stanley/Cutter Morning Star School District Learn numerous inexpensive hands on activities that will help you integrate scientific inquiry into your classroom. These activities will be correlated to Arkansas Science Frameworks.</p>
<p>#024 8:00-9:00 Convention Center Pope</p>	<p>Session 7-10 Language Arts</p>	<p>Presenters Presider Description</p>	<p>They are Poets and Now We Know It! Sue Shipp and Amy Hutto/County Line School District Amy Hutto/County Line School District View samples of various types of poetry created by students like yours and learn how to make poets of your students.</p>
<p>#025 8:00-9:00 Convention Center Fulton</p>	<p>Session 1-6 Math</p>	<p>Presenter Presider Description</p>	<p>Problem Solving "Counts" June Lawson/Wright Group/McGraw-Hill Linda Barnes/University of Central Arkansas This session will provide teachers with specific tools to guide students into problem-solving strategies. Teachers will leave with lots of ideas to enrich their core math curriculum.</p>

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<p>#026 9:10-10:10 Peabody Salon C</p>	<p>Session K-12 Science</p>	<p>Presenters Presider Description</p>	<p>The Ultimate Science Data Logger: Xplorer GLX Kevin O'Bryant/PASCO Gayle Ross/NAESC Come see the newest innovation in science datalogging, the Xplorer GLX! The GLX is equipped for remote graphing and stand-alone analysis. Join this session to see how PASPORT probeware can extend science understanding to a greater number of students.</p>
<p>#027 9:10-10:10 Peabody CC Arkansas Ballroom</p>	<p>Session 7-16 Language Arts</p>	<p>Presenters Presider Description</p>	<p>Adolescent Literacy through Adolescent Literature? Christian Goering, Sarah Applegate, Nicole Avery and Lauren Marston/University of Arkansas Christian Goering/University of Arkansas This presentation of ongoing cohort research focuses on the literature taught in secondary schools. Where does adolescent literature fit in schools? Does current literature curriculum fit current literacy goals?</p>
<p>#028 9:10-11:20 Peabody CC Petit Jean</p>	<p>Extended Session 6-12 Social Studies</p>	<p>Presenters Presider Description</p>	<p>Technology in the Social Studies Classroom Janel Wood and Phyllis Tucker/Holt, Rinehart and Winston Phyllis Tucker/Holt, Rinehart and Winston Concerned about keeping your social studies curriculum current? Managing materials? Reading issues? See the latest in social studies technology, including online intervention tools for reading comprehension.</p>
<p>#029 9:10-10:10 Peabody CC Chicot</p>	<p>Session 6-12 Science</p>	<p>Presenter Presider Description</p>	<p>IE Challenge Melissa Miller/Farmington School District Sharon Pierce/Retired ASTA See how you can get your students involved in an educational competition promoting engineering concepts. Math, technology and inquiry come together as students are actively engaged in a real-world challenge.</p>
<p>#030 9:10-11:20 Peabody CC Harris Brake</p>	<p>Extended Session K-8 Social Studies</p>	<p>Presenters Presider Description</p>	<p>Understanding the New Social Studies Frameworks for K-8 Marjorie Hunter, Jan Lloyd, John Way, Vickie Yates/West Memphis School District Marjorie Hunter/ West Memphis School District Intended for K-8 teachers, this session is designed to help understand the purpose behind revising the frameworks, the process used to create them, and the content of the document. Participants will be given sample curriculum maps.</p>
<p>#031 9:10-10:10 Peabody CC Ouachita</p>	<p>Session 9-12 Math/Science</p>	<p>Presenters Presider Description</p>	<p>Test Making Made Easy with Examgen – a Teacher's Experience Lena Allison/Examgen and Melissa Donham/Little Rock SD Melissa Donham/Little Rock School District Do away with hassles of test making with Examgen. Imagine the time you can save – thousands of Math and Science questions provided, with attractive graphics to challenge your students. Just minutes to make a test! Professionally made tests can be made easily – complete with answer key. Let's make a test together!</p>
<p>#032 9:10-11:20 Peabody CC Neosho</p>	<p>Extended Session 5-12 Social Studies</p>	<p>Presenters Presider Description</p>	<p>"Democracy Center" Central High School National Historic Site and Clinton Presidential Library Amy Garrett and Kathleen Pate/Clinton Presidential Library & Museum Kathleen Pate/Clinton Presidential Library and Museum Learn about the new "Democracy Center" and other student learning opportunities at the Central High School National Historic Site and the Clinton Presidential Library.</p>
<p>#033 9:10-11:20 Peabody Hoffman</p>	<p>Extended Session 6-10 Math</p>	<p>Presenter Presider Description</p>	<p>Using Origami for Geometric Exploration and Fun Deborah Roberts/Henderson State University Betty Ramsey/ Henderson State University Create an origami parallelogram. Consider angle measures, segment lengths, areas, and lines of symmetry of the original square and an octagon that transforms into a pinwheel with surprising results.</p>

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<p>#034 9:10-10:10 Peabody Peck</p>	<p>Session 9-12 Math</p>	<p>Presenters Presider Description</p>	<p>Poster Session: Secondary Math Problems--Geometry Focus ACTM Board Amy Evans/Greenbrier School District High School students will display interesting geometry problems and explorations that they have solved and explained for topics from geometry and its connections. Some sponsors will be available at all times to discuss the problems.</p>
<p>#035 9:10-10:10 Peabody Marion</p>	<p>Session 5-12 Language Arts</p>	<p>Presenters Presider Description</p>	<p>REVISION - It's Just Not As Hard As You Think! Patti Shaw and Donna Washburn/Lake Hamilton School District Donna Washburn/Lake Hamilton School District In this exciting session, two veteran teachers share tried and true revision strategies that their students use regularly. These strategies have helped students continuously make top Benchmark essay scores. Come prepared to be WOWed!</p>
<p>#036 9:10-10:10 Peabody Pinnacle</p>	<p>Session 7-12 Science</p>	<p>Presenters Presider Description</p>	<p>Chem Chaos - Inquiry with Chemistry Jeff Mosby and Richard Thomas/Ft. Smith School District Richard Thomas/Ft. Smith School District Explore inquiry investigations for the chemistry classroom.</p>
<p>#037 9:10-11:20 Convention Center Caraway I</p>	<p>Extended Session 7-12 Math</p>	<p>Presenter Presider Description</p>	<p>Getting to Know the Amended Algebra 2 Frameworks Linda Griffith/University of Central Arkansas Betty Dust/Calico Rock School District Arkansas is one of nine states participating in the American Diploma Project resulting in amendments to the Algebra 2 Frameworks. This session will focus on these changes.</p>
<p>#038 9:10-10:10 Convention Center Pope</p>	<p>Session 9-12 Social Studies</p>	<p>Presenters Presider Description</p>	<p>What's the Scoop? Finding the Cause of the Great Depression Billy Britt and Jeanette Bennett/Federal Reserve Bank of St. Louis Jeannette Bennett/Federal Reserve Bank of St. Louis/Little Rock Branch This workshop explores the causes of the Great Depression. Lessons are based on research by a federal economist. Get these free lessons plus a list of supplemental materials from the Fed.</p>
<p>#039 9:10-10:10 Convention Center Fulton</p>	<p>Session 1-5 Math</p>	<p>Presenter Presider Description</p>	<p>Using Handbooks for Interventions in Mathematics Education June Lawson/Wright Group/McGraw-Hill Lisa Kissire/Dawson Education Cooperative This session will showcase reference tools for making connections in Mathematics, Grades 1-5. These tools provide teachers with ideas for remediation and/or acceleration and are appropriate for independent use by students, in class or at home.</p>
<p>#040 9:10-10:10 Exhibit Hall Governor's Hall I</p>	<p>Session 4-12 Science</p>	<p>Presenter Presider Description</p>	<p>STARLAB: Weather John Hehr/University of Arkansas Minnietta Ready/North Little Rock School District From an image projected on the STARLAB dome, explore the major atmospheric systems that result in global weather events. Discussion will also focus the processes that result in tornadoes and hurricanes—a subject of interest this year!!</p>
<p>#041 9:10-10:10 Exhibit Hall Governor's Hall I</p>	<p>Session 5-8 Science</p>	<p>Presenters Presider Description</p>	<p>Race for Planet X Marcus Sims and Derrick Warren/Museum of Discovery Derrick Warren/Museum of Discovery Want something special at your middle school this year? Experience this interactive "Race for Planet X" first hand. Learn how to register your school for this free-of-charge exhibit. Have fun and learn something, too, as you experience this interactive exhibit on wheels!</p>
<p>#042 10:20-11:20 Old State House River Front</p>	<p>Session K-12 Social Studies</p>	<p>Presenters</p>	<p>Bringing China to Arkansas Program, Arkansas Global Programs, UALR Martha Morton, Trina Bright, Christen Essary, Leticia Miller, Louisa Rook, April Thompson, and Bruce Thompson /Little Rock SD, Rita Caver/Fayetteville SD, Alisha Elmore/Berryville SD, Leah Hainen, Nashville SD, John Henderson/Harrison SD, Carma Meitzen, Stacy Piker, and Jamie Walker/Springdale SD, Paula Redding/Hot Springs</p>

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		<p>Presider Description</p>	<p>SD, Brian Schuller/Cove SD, Lisa Schuller/Mena School District Trina Bright/Little Rock School District BCAP is a professional development program including a 3-week tour of China in June. Director Martha Morton presents on China followed by Q & A and an exhibition by a Martial Arts Master.</p>
<p>#043 9:10-10:20 Old State House General Assembly</p>	<p>Extended Session K-5 Social Studies</p>	<p>Presenter Presider Description</p>	<p>Reading to Learn-Social Studies in the K-5 Classroom James Ross/Nystrom Education Division of Herff Jones, Inc. Mounir Farah/ University of Arkansas Need help with the new social studies benchmarks? Does your classroom have the materials that you need? Materials that are age & grade appropriate, cross-curricular, hands-on/minds-on, and reinforce literacy!</p>
<p>#044 10:20-11:20 Peabody CC Riverview</p>	<p>Session 6-9 Math</p>	<p>Presenter Presider Description</p>	<p>Pattern and Function Connections Jayna Moffit/Bentonville School District Lisa Kissire/Dawson Education Cooperative This will feature how to make concrete connections with patterns, t-tables, graphs, and equations. This involves technology to engage your students! This lesson can be extended in many ways... including linear, quadratic, and exponential functions.</p>
<p>#045 10:20-11:20 Peabody CC Chicot</p>	<p>Session 7 Science</p>	<p>Presenters Presider Description</p>	<p>BIBs--Cool Student Notebooks in Your Science Classroom Betty Ramsey/South Arkansas Math and Science Center/HSU, Jennifer Dedman and Sheila Lively/Sheridan School District Jennifer Dedman/Sheridan School District Two awesome seventh grade teachers will share the secrets of their "BIBs"-- student-made notebooks that they incorporated into their science classes. Come find out their success story.</p>
<p>#046 10:20-11:20 Peabody CC White Oak</p>	<p>Session K-12 General</p>	<p>Presenters Presider Description</p>	<p>Internet Delivered Education for Arkansas Schools (IDEAS) Kathleen Branton, Pam Scarber, and Mickey Kamer/AETN Pam Scarber/AETN Learn about Arkansas IDEAS - the professional development website provided by AETN and the Arkansas Department of Education.</p>
<p>#047 10:20-12:30 Peabody CC Grampas</p>	<p>Extended Session 7-12 Math</p>	<p>Presenter Presider Description</p>	<p>What's New at TI? Ellen Johnston/Texas Instruments Don Mori/National Park Community College, Hot Springs Come be N-Spired! Experience the new TI N-Spire handheld as well as other new products, resources, and materials from TI.</p>
<p>#048 10:20-11:20 Peabody CC Ouachita</p>	<p>Session 5-8 Social Studies</p>	<p>Presenter Presider Description</p>	<p>Trash Box Archeology Mary Kwas/University of Arkansas Cynthia Miller/NEADelta Institute for Math and Science/ASU Using a box of modern trash to simulate an archeological site, "excavate" the trash, analyze the artifacts, and present reports of what they discover. Free lesson plans and resource materials.</p>
<p>#049 10:20-11:20 Peabody Manning</p>	<p>Session 5-12 Science</p>	<p>Presenter Presider Description</p>	<p>How Do We Know That? Michael Wavering/University of Arkansas Paula Armstong/North Little Rock School District Science is often presented as facts, when it is a process producing explanations of nature. In this session instances are presented concerning how we know about scientific concepts and can teach this knowledge.</p>
<p>#050 10:20-11:20 Peabody Peck</p>	<p>Session 9-12 Math</p>	<p>Presenters Presider Description</p>	<p>Poster Session: Secondary Math Problems--Upper Level Mathematics Focus ACTM Board Linda Barnes/University of Central Arkansas High School students will display interesting upper level mathematics problems and explorations that they have solved and explained for topics from Pre-calculus, TCM, and Calculus. Some sponsors will be available at all times to discuss the problems.</p>

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<p>#051 10:20-11:20 Peabody Marion</p>	<p>Session 4-9 Language Arts</p>	<p>Presenters Presider Description</p>	<p>If You Give Them Wings, They Will Fly! Projects to Improve Writing and Thinking Patti Shaw and Donna Washburn/Lake Hamilton School District Donna Washburn/Lake Hamilton School District Join two veteran teachers and explore alternatives to the same 'old thing' you've always been doing. Creative classroom projects that enhance both writing and critical thinking skills will be shared and will push kids "to fly" in writing and thinking.</p>
<p>#052 10:20-11:20 Peabody Pinnacle</p>	<p>Session K-12 General</p>	<p>Presenters Presider Description</p>	<p>Using Innovative Technology to Maximize Classroom Learning Mark Ramey and Doug Ward/eInstruction Doug Ward/eInstruction Use a student response pad system (the Classroom Performance System), ExamView content and a CPS Chalkboard to enhance learning in the classroom. Engage every student without embarrassing any student, and receive instant grading for the teacher.</p>
<p>#053 10:20-11:20 Convention Center Toltec</p>	<p>Session 3-5 Science</p>	<p>Presenters Presider Description</p>	<p>The Science of Lynn Cherry Lola Perritt and Rene Carson/ UALR Rene Carson/University of Arkansas at Little Rock Use the beautiful and exciting work of author and illustrator, Lynn Cherry, to enhance your science lessons and units. Lots of hands-on activities, subject integration, and fun. Handouts provided.</p>
<p>#054 10:20-11:20 Convention Center Caraway II</p>	<p>Session 10-12 Science</p>	<p>Presenter Presider Description</p>	<p>A Sharing Strategy Discussion For E.O.C. Biology Test Richmond Edwards/Hot Springs School District Cathy Mackey/Arkansas Department of Education Bring some of your most effective ideas and suggestions and join Richmond Edwards while we discuss and share a better strategy for preparing students for the Biology EOC Test.</p>
<p>#055 10:20-11:20 Convention Center Miller</p>	<p>Session 3-12 Social Studies</p>	<p>Presenters Presider Description</p>	<p>We The People: The Citizen and the Constitution - Integrating the Constitution into your Curriculum Marilyn Friga/University of Central Arkansas Laura Sorey/Pottsville School District Participants will discover how to implement the six unit of the We the People program into their curriculum to meet the new Arkansas State Standards in Social Studies. All participants will receive a free classroom set of 30 textbooks (Elem, MS or HS) including a teacher's guide.</p>
<p>#056 10:20-11:20 Convention Center Izard</p>	<p>Session K-6 Science</p>	<p>Presenter Presider Description</p>	<p>Earth Science Investigations to Meet Arkansas Standards Kelsie Turley/Harding University Linda Shepherd/Valley View School District This workshop will present hands-on investigations to meet the Arkansas Science Framework for Grades K-6. Focus on Earth Science. Free Delta Science Reader to each participant.</p>
<p>#057 10:20-11:20 Convention Center Pope</p>	<p>Session 7-12 Science</p>	<p>Presenter Presider Description</p>	<p>DNA on a Budget Teresa Fuller/Cross County School District Nona Talley/Southwest Arkansas Educational Cooperative This is a hands-on workshop on doing DNA activities in your classroom on a limited budget. You will learn how to extract DNA from a banana and see a paper model version of DNA fingerprinting.</p>
<p>#058 10:20-11:20 Convention Center Fulton</p>	<p>Session 10-12 AP or IB Chemistry Science</p>	<p>Presenter Presider Description</p>	<p>My Chemistry DVD, My Textbook, My Tutor Ketan Trivedi/Trivedi Technologies Margaret Hall/Ft. Smith School District A new way to learn Chemistry with no limits on time or place. This interactive, multimedia software covers a full year of traditional General Chemistry. The fundamentals along with rigors of math are taught and tested in a non intimidating, self assuring environment with an enormous number of step by step interactive problems.</p>

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<p>#059 10:20-11:20 Exhibit Hall Governor's Hall I</p>	<p>Session K-12 Science</p>	<p>Presenters Presider Description</p>	<p>All-Sky Projectors for Portable Planetariums Ed Roberts/Pottsville School District and Steve Zimmer/Math and Science Institute, ATU Steve Zimmer/ Math and Science Institute, ATU Learn how STARLAB operators can use clear plastic drinking cups as miniature clear cylinders. Images drawn on the cups by students can then be projected onto the dome as personal all-sky images and integrated into diverse lesson plans.</p>
<p>#060 10:20-11:20 Exhibit Hall Governor's Hall I</p>	<p>Session 5-8 Science</p>	<p>Presenters Presider Description</p>	<p>Race for Planet X Marcus Sims and Derrick Warren/Museum of Discovery Derrick Warren/Museum of Discovery Want something special at your middle school this year? Experience this interactive "Race for Planet X" first hand. Learn how to register your school for this free-of-charge exhibit. Have fun and learn something, too, as you experience this interactive exhibit on wheels!</p>
<p>#061 11:30-1:40 Peabody Salon A</p>	<p>Extended Session Ticket Required K-16 Social Studies</p>	<p>Presenter Presider Description</p>	<p>ACSS Luncheon: The 1990's: A Late 20th-Century Awakening Deborah Gray-White/Rutgers University Phyllis Tucker/Holt, Rinehart and Winston (Ticket Required) Join ACSS for lunch and a discussion of the effects of the great awakenings and the massive gatherings of the late 1990's in America.</p>
<p>#062 11:30-1:40 Peabody Salon B</p>	<p>Extended Session Ticket Required K-16 Math</p>	<p>Presenters Presider Description</p>	<p>ACTM Luncheon: Let's Explode the Potential for Math, Science, and Technology in Arkansas Janet Hugo and Students/AR School for Math, Science & the Arts Jean McGehee/University of Central Arkansas (Ticket Required) Janet Hugo, the Director of ASMSA and President of the National Consortium for Specialized Secondary Schools of Mathematics, Science, and Technology, will inspire all of us to play a role in getting our students in the pipeline to training and careers in Science, Technology, Engineering, and Mathematics (STEM). ASMSA students will give a musical/ mathematical performance.</p>
<p>#063 11:30-1:40 Peabody Salon C</p>	<p>Extended Session Ticket Required K-16 Science</p>	<p>Presenter Presider Description</p>	<p>ASTA Luncheon: Teaching of Evolution in Arkansas Susan Epperson/University of Colorado, Colorado Springs Charre Todd/Crossett School District (Ticket Required) Join this luncheon as you learn about the speaker's experiences as plaintiff in the Arkansas Education Association (AEA) challenge to Arkansas' 1928 anti-evolution law, and about recent developments. In November, 1968 the U.S. Supreme Court declared the 1928 law unconstitutional.</p>
<p>#064 11:30-1:40 Peabody CC Arkansas Ballroom</p>	<p>Extended Session Ticket Required K-16 Language Arts</p>	<p>Presenter Presider Description</p>	<p>ACTELA Luncheon: Writing: An Author's Perspective Alexandria LaFaye/Writer Linda Arnold/Retired, University of Central Arkansas (Ticket Required) Join this luncheon as Ms. LaFaye inspires the audience with her vast experiences as a writer of young adult novels and as she discusses the craft of writing. Her presentation will include personal anecdotes about the process of writing and publishing books, encouragement for writers struggling to be published, and practical advice for teachers of writing.</p>
<p>#065 11:30-12:30 Peabody CC Riverview</p>	<p>Session 5-7 Science</p>	<p>Presenter Presider Description</p>	<p>Science Activities Using Science Probes – part 1 (Note: this is the 1st part of a 2 hour block with 2nd hour being session #086) Steve Noble/Great Rivers Education Cooperative Steve Noble/Great Rivers Education Cooperative Teachers will learn to use Vernier GO Temp Science Probes with science and math activities linked to the Arkansas Science and Math Frameworks. The GO Temp probe is used with a laptop computer to measure and graph temperature.</p>

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#066 11:30-12:30 Peabody Petit Jean	Session 9-12 Social Studies	Presenter Presider Description	China in a Flat World Larry Wilson/Hot Springs High School Melissia Vincent/Drew Central School District Based on Thomas Friedman's book, <i>The World Is Flat</i> , this presentation will explore trips taken to China and Japan with emphasis on the education systems in both countries.
#067 11:30-1:40 Peabody CC Chicot	Extended Session 6-12 Science	Presenters Presider Description	Fun with Atoms- The Atom Building Game Sally Dudley and Cory Ort/CPO Science Cory Ort/CPO Science Explore atom building games to help students learn the complex nature of atomic structure. An equipment raffle will be held.
#068 11:30-12:30 Peabody CC Harris Brake	Session 9-12 Math	Presenter Presider Description	Forensics: Connecting Science Investigations with TI Data Collection Activities Stanley Paul/Arkansas Department of Education Stanley Paul/Arkansas Department of Education Learn to 1) graph data to find quantitative relationships and create a standard reference curve for comparison with unknown data; 2) analyze blood spatters & examine r^2 values for linear, natural logarithm, quadratic, & power curve fit; and 3) find the 'best fit' curve. Then, determine the height from which blood dropped.
#069 11:30-1:40 Peabody CC White Oak	Extended Session 7-12 General	Presenters Presider Description	Effective Use of Digital Learning Systems Chukwuma Obiagwu, Betty Larry, and George Ward/Little Rock SD Betty Larry/Little Rock School District Explore strategies to transform lecture dissemination models of online learning and training into pedagogically sound, result-focused, engaging Novanet learning experiences.
#070 11:30-1:40 Peabody CC Ouachita	Extended Session 10-12 AP Chemistry Science	Presenter Presider Description	Buffers Made Easy: Teaching all Aspects of Acid-Base Chemistry Rene McCormick/National Math and Science Initiative Rene McCormick/National Math and Science Initiative Come see how one of the most difficult topics on the AP Chemistry course outline can be taught painlessly. This is <i>not</i> your College Professor's Chemistry class!
#071 11:30-1:40 Peabody CC Neosho	Extended Session K-6 Language Arts	Presenter Presider Description	Fun With Fluency-- Activities Your Kids Will Love! Donna Felty/Wilbur Mills Education Service Cooperative Cody Mize/University of Central Arkansas This session focuses on fluency and its importance in a comprehensive literacy block used in Arkansas. Several activities to increase fluency will be modeled and discussed.
#072 11:30-12:30 Peabody Manning	Session K-10 Science	Presenter Presider Description	Cuttin' Up in Science Rosemary Martin/Supporting Science, Inc. Paula Armstrong/North Little Rock School District See how colorful manipulatives engage students while making them think at high levels. Use them for learning, reviewing, tutoring, assessing, and differentiation. Door prizes and lots of cuttin' up!
#073 11:30-12:30 Peabody Hoffman	Session 7-12 Science	Presenters Presider Description	Designing an Award Winning Science Project Linda Kondrick, Tsunemi Yamashita and Chris Kellner/ATU Tsunemi Yamashita/Arkansas Tech University Guide students in turning a good idea into a great research topic. Learn the finer points of what judges are looking for in terms of data analysis and presentation of research results.
#074 11:30-12:30 Peabody Marion	Session 7-16 Language Arts	Presenter Presider Description	Dramatic Oral Reading Activities for the Secondary Classroom Chris Goering/University of Arkansas Steve Ward/ University of Arkansas This presentation will provide a theoretical base and several practical applications for involving activities during instruction designed to promote oral reading fluency, engage reluctant readers, and motivate the otherwise disenfranchised.

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<p>#075 11:30-12:30 Peabody Pinnacle</p>	<p>Session 11-12 Science</p>	<p>Presenter Presider Description</p>	<p>Teaching Multiple Step Problems in High School Eugene Epperson/AR School for Math, Science, & the Arts Debbie Gipson/Greenbrier School District The advantages and difficulties of offering applied science curricula at the high school level will be discussed and an overview of some suggested problems will be outlined.</p>
<p>#076 11:30-12:30 Convention Center Toltec</p>	<p>Session K-12 Science</p>	<p>Presenters Presider Description</p>	<p>Getting Started with CBL's: An Introduction to Computer Based Labs in the Science Classroom Chris Coker and Dennis Miller/Camden Fairview School District Dennis Miller/Camden Fairview School District Learn to use CBL's in the Chemistry to Elementary science classroom. Using temperature, light, and voltage probes, explore ways to write hypothesis, make predictions, and yes, use some math!</p>
<p>#077 11:30-12:30 Convention Center Caraway I</p>	<p>Session 2-6 Science</p>	<p>Presenter Presider Description</p>	<p>Science Stories in Kid Lit Kate Lacy/Springdale School District Kate Lacy/Springdale School District Survey stories filled with science and plan a picture book for your own class.</p>
<p>#078 11:30-1:40 Convention Center Caraway II</p>	<p>Extended Session K-2 Science</p>	<p>Presenters Presider Description</p>	<p>Creepy, Crawly Science Betty Ramsey/South Arkansas Math and Science Center/HSU and Karron Watts/Math and Science Institute, ATU Karron Watts/Math and Science Institute, ATU A fun, interactive session for teachers of Kindergarten through 2nd grade. We will be integrating science, math, and literacy with investigations about those creepy, crawly insects and spiders.</p>
<p>#079 11:30-12:30 Convention Center Miller</p>	<p>Session 5-12 Social Studies</p>	<p>Presenter Presider Description</p>	<p>Securities and the Stock Market Zoe Rossi/Arkansas Securities Department Melody Walker/Benton School District Join this session for a lively discussion on definitions & terminology, Arkansas Publicly held companies, reading stock quotes, risk and return, financial markets and investing!</p>
<p>#080 11:30-12:30 Convention Center Izard</p>	<p>Session K-6 Science</p>	<p>Presenter Presider Description</p>	<p>Get Cookin' with Camp Invention: Recipe for Creativity Anna Adelman/Camp Invention Gayle Ross/NAESC Ingredients: I open mind, 1 part passion, 1 part imagination, 1 part initiative, 1 school building, several fun teachers looking for additional income next summer. Directions: Mix ingredients to form desired camp director. Place director in school and add teachers. Receive all materials for the Camp Invention program.</p>
<p>#081 11:30-12:30 Convention Center Pope</p>	<p>Session 1-4 Language Arts</p>	<p>Presenter Presider Description</p>	<p>Schema: The Gateway to Understanding (Note: this is the 1st part of a 2 hour block with 2nd hour being session #099) Shelia Hellerich/Northwest Arkansas Education Service Coop Karen Taylor/Arkansas Department of Education Teachers and literacy coaches! Challenge students to understand the unique role schema plays in 1) making sense of texts and the world; 2)expanding structures with poetry, fiction and non-fiction texts; and 3)adapting thinking when visualizing, predicting and hypothesizing.</p>
<p>#082 11:30-1:40 Convention Center Fulton</p>	<p>Extended Session K-4 Math</p>	<p>Presenter Presider Description</p>	<p>Beyond Definitions: The Language of Geometry Linda Jaslow/Northwest Arkansas Service Education Cooperative Cathy Jones/Center for Math and Science Education, UA In this session, k-4 teachers will examine the importance that definitions, properties and relationships play in children's understanding of geometry. We will analyze the Van Hiele levels and participate in activities designed to develop a deep understanding of shapes and their properties.</p>

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<p>#083 11:30-12:30 Exhibit Hall Governor's Hall I</p>	<p>Session 5-8 Science</p>	<p>Presenters Presider Description</p>	<p>Race for Planet X Marcus Sims and Derrick Warren/Museum of Discovery Derrick Warren/Museum of Discovery Want something special at your middle school this year? Experience this interactive "Race for Planet X" first hand. Learn how to register your school for this free-of-change exhibit. Have fun and learn something, too, as you experience this interactive exhibit on wheels!</p>
<p>#084 11:30-12:30 Old State House River Front</p>	<p>Session 7-8 Social Studies</p>	<p>Presenter Presider Description</p>	<p>Tattered Glory - Arkansas's Role in the Civil War Nancy Dane/Author and Historian Lola Condley/Dover School District Presentation provides lesson plans using the NEW frameworks for Arkansas History 7-8: The role of Arkansas in the Civil War, using the documentary "Tattered Glory" by Arkansas author Nancy Dane.</p>
<p>#085 11:30-12:30 Old State House General Assembly</p>	<p>Session 3-12 Social Studies</p>	<p>Presenter Presider Description</p>	<p>Arkansas's Haunted Historic Sites Rachel Miller/Arkansas Historic Preservation Program Marsha Eggburn/Sheridan School District Learn about six sites in Arkansas that are on the National Register of Historic Places. The program will go into the history of the sites and community, as well as any local folklore associated with the sites.</p>
<p>#086 12:40-1:40 Peabody CC Riverview</p>	<p>Session 5-7 Science</p>	<p>Presenter Presider Description</p>	<p>Science Activities Using Science Probes – part 1 (Note: this is the 2nd part of a 2 hour block with 1st hour being session #065) Steve Noble/Great Rivers Education Cooperative Steve Noble/Great Rivers Education Cooperative Teachers will learn to use Vernier GO Temp Science Probes with science and math activities linked to the AR Science and Math Frameworks. The GO Temp probe is used with a laptop computer to measure and graph temperature.</p>
<p>#087 12:40-1:40 Peabody CC Petit Jean</p>	<p>Session K-4 Social Studies</p>	<p>Presenter Presider Description</p>	<p>Cut the Fluff, Keep the Unit Sammie Stephenson/Arkansas Tech University Leigh Sullivan/Green County Tech School District Examine an effective design for developing integrated units aligned with AR Frameworks, while eliminating fluff, extra work and time.</p>
<p>#088 12:40-1:40 Peabody CC Harris Brake</p>	<p>Session 6-12 Social Studies</p>	<p>Presenter Presider Description</p>	<p>Connecting Students to Social Studies: Active Learning for Diverse Learners Kathy Stewart/Pearson Curriculum Group Cissy Dowdy/Batesville School District Help your students become active learners by attending this session! Come participate in hands-on activities and see exciting technology all geared toward helping your students connect to Social Studies.</p>
<p>#089 12:40-2:50 Peabody CC Grampas</p>	<p>Extended Session 9-12 Math</p>	<p>Presenters Presider Description</p>	<p>Using TI-Nspire in the Classroom Michelle Bonds and Brad Roberts/Bradford School District Brad Roberts/Bradford School District Learn the basics of TI's newest technology: TI-Nspire. Explore basic functions and activities for Algebra I through Algebra II.</p>
<p>#090 12:40-2:50 Peabody Manning</p>	<p>Extended Session 5-12 Science</p>	<p>Presenter Presider Description</p>	<p>Guts R Us! Starla Ewan/Starla's Creative Teaching Tips Linda Stocker/Ft. Smith School District Participants will build the major components of the Digestive System out of brightly colored clay. Build your way to learning.</p>
<p>#091 12:40-1:40 Peabody Hoffman</p>	<p>Session K-12 Science</p>	<p>Presenters Presider Description</p>	<p>Technology in the Science Classroom Pam Beard/University of Arkansas at Monticello and Lori Cingolani/Southeast Arkansas Educational Cooperative Lori Cingolani/Southeast Arkansas Educational Cooperative Explore a wide range of technologies, including the Interwrite Board that can be integrated into your everyday classrooms and strategies using online resources including United Streaming, PowerPoint, educational sites, and blogs. Loads of info provided.</p>

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<p>#092 12:40-1:40 Peabody Peck</p>	<p>Session 9-12 Math</p>	<p>Presenters Presider Description</p>	<p>Poster Session: Secondary Math Problems--Algebra Focus ACTM Board Charlotte Ester/Math and Science Center, UAPB High School students will display algebra problems and explorations they have solved and explained for topics from Algebra 1 and 2. Sponsors will be available at all times to discuss the problems.</p>
<p>#093 12:40-1:40 Peabody Marion</p>	<p>Session 7 Language Arts</p>	<p>Presenter Presider Description</p>	<p>Clustering SLEs for Efficient and Effective Teaching Sherri Thorne/South Central Service Cooperative Tami Philyaw/Camden Fairview School District This workshop will demonstrate a strategy to align the English Language Arts Framework by combining SLEs from each strand into integrated units of study.</p>
<p>#094 12:40-1:40 Peabody Pinnacle</p>	<p>Session K-6 Science</p>	<p>Presenter Presider Description</p>	<p>Science Investigations to Meet Arkansas Science Standards Tammy Winslow/Crowley's Ridge Educational Service Cooperative Tammy Winslow/Crowley's Ridge Educational Service Cooperative This workshop will present hands-on investigations to meet the 2005 Arkansas Science Framework. Focus on Physical Science for Grades K-6. Free Delta Science Reader to each participant.</p>
<p>#095 12:40-1:40 Convention Center Toltec</p>	<p>Session 5-8 Science</p>	<p>Presenters Presider Description</p>	<p>Literacy Lab in the Science Classroom Greg Moore, Paula Carrico and Janet Bennett/Blytheville SD Paula Carrico/Blytheville School District Reading science textbooks requires the same critical thinking, analysis, and active engagement as performing hands-on activities. Explore reading strategies to strengthen student understanding.</p>
<p>#096 12:40-1:40 Convention Center Caraway I</p>	<p>Session 11-12 Science</p>	<p>Presenters Presider Description</p>	<p>Kinetic Clock Reaction Fred Buzen, Jill Cooper, and Carolyn Hunter/Arkansas School for Math, Science, and the Arts Jill Cooper Arkansas School for Math, Science, and the Arts In this classic clock reaction, the rate law of a reaction is determined by varying the concentration of each reactant on the initial rate.</p>
<p>#097 12:40-1:40 Convention Center Miller</p>	<p>Session 7-12 Math</p>	<p>Presenters Presider Description</p>	<p>Math and Literacy - The WRITE Combination Caroline Neel and Deborah Chapman/Ft. Smith School District Deborah Chapman/Ft. Smith School District Join us for a lively focus on cross-curricular approaches to improving student achievement in Literacy and Mathematics, using content writing, open-response strategies and graphic organizers.</p>
<p>#098 12:40-1:40 Convention Center Izard</p>	<p>Session K-12 Science</p>	<p>Presenters Presider Description</p>	<p>Easing the Gap Terri Frost and Connie Echols/DeQueen Mena SEC Connie Echols/DeQueen Mena Education Cooperative Need a plan? Principals and teachers across the disciplines, join us for a quick look at school organizational ideas that can contribute to student achievement. See how curriculum, scheduling, and cross discipline communication can enhance your school's focus.</p>
<p>#099 12:40-1:40 Convention Center Pope</p>	<p>Session 1-4 Language Arts</p>	<p>Presenter Presider Description</p>	<p>Schema: The Gateway to Understanding (Note: this is the 2nd part of a 2 hour block with 1st hour being session #081) Shelia Hellerich/Northwest Arkansas Education Service Coop Karen Taylor/Arkansas Department of Education Teachers and literacy coaches! Challenge students to understand the unique role schema plays in 1)making sense of texts and the world; 2)expanding structures with poetry, fiction and non-fiction texts; and 3)adapting thinking when visualizing, predicting and hypothesizing.</p>
<p>#100 12:40-1:40 Exhibit Hall Governor's Hall I</p>	<p>Session 5-8 Science</p>	<p>Presenters Presider Description</p>	<p>Race for Planet X Marcus Sims and Derrick Warren/Museum of Discovery Derrick Warren/Museum of Discovery Want something special at your middle school this year? Experience this interactive "Race for Planet X" firsthand. Learn how to register your school for this free-of-charge exhibit. Have fun and learn something, too, as you experience this interactive exhibit on wheels!</p>

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<p>#101 12:40-1:40 Old State House River Front</p>	<p>Session 4-5 Social Studies</p>	<p>Presenter Presider Description</p>	<p>Traveling through Arkansas's Economic History with <i>Cephas Faulk and His Way Back Powder</i> Jack Bennett/Arkansas Studies Curriculum Mary Bennett/Arkansas Studies Curriculum This workshop is designed on how to introduce 4th graders to Arkansas economic history using the Arkansas Studies Curriculum text <i>Cephas Faulk and His WayBack Powder</i>.</p>
<p>#102 12:40-1:40 Old State House General Assembly</p>	<p>Session 5-12 Social Studies</p>	<p>Presenter Presider Description</p>	<p>Incorporating Military History into the Social Studies Classroom Heather Bettinardi/MacArthur Museum of Arkansas Military History Allyson Maxwell/Northeast Arkansas Educational Cooperative Arkansas has developed an illustrious military history from its early stages as a territory to the present day. This presentation will focus on the importance of teaching military history within the larger picture of our state's identity and development. Lesson plan and hands-on activity included.</p>
<p>#103 1:50-2:50 Peabody CC Riverview</p>	<p>Session pK-8 Math</p>	<p>Presenters Presider Description</p>	<p>Recommendations for Mathematical "Targets" Heather Carter and Angelia Murphy/NEA Education Service Coop Angela Murphy/NEA Education Service Cooperative In April 2006, NCTM released Curriculum Focal Point for Pre-kindergarten through Grade 8 Mathematics. Come learn about the mathematical concepts recommended as "targets" for each grade.</p>
<p>#104 1:50-2:50 Peabody CC Petit Jean</p>	<p>Session K-20 General</p>	<p>Presenter Presider Description</p>	<p>Strengthening the School: Empowering the People Terri Hebert/University of Central Arkansas Mary Alice Mixon/Center for Math and Science Education, UA Participants will learn the steps involved in strengthening schools while also aligning and accentuating current ACSIP plans. UCA graduate students representing the Conway Public School system will share their ideas.</p>
<p>#105 1:50-4:00 Peabody CC Chicot</p>	<p>Extended Session 6-12 Science</p>	<p>Presenter Presider Description</p>	<p>Explore Speed with the CPO Energy Car Sally Dudley and Cory Ort/CPO Science Sharon Pierce/ Retired ASTA Participants will explore speed, force, and velocity using the CPO Energy Car. Equipment raffle</p>
<p>#106 1:50-4:00 Peabody CC Harris Brake</p>	<p>Extended Session 9-12 Social Studies</p>	<p>Presenters Presider Description</p>	<p>Understanding the New Social Studies Frameworks for 9-12 Teachers Marjorie Hunter, Jan Lloyd, John Way, and Vickie Yates/West Memphis School District Jan Lloyd/West Memphis School District Intended for 9-12 teachers, this session provides understanding of the purposes behind the new frameworks, the process used in writing them, and examines the content of the frameworks. Participants will be given sample curriculum maps.</p>
<p>#107 1:50-2:50 Peabody CC White Oak</p>	<p>Session K-12 Language Arts</p>	<p>Presenter Presider Description</p>	<p>Writing: An Author's Perspective Alexandria LaFaye/Writer Jeff Whittingham/University of Central Arkansas Join this award-winning author as she shares the many tips she has developed for teaching writing. These tips come from her experiences as teacher and a writer.</p>
<p>#108 1:50-2:50 Peabody CC Ouachita</p>	<p>Session 6-12 Science</p>	<p>Presenters Presider Description</p>	<p>High-Tech Investigations for Integrated Math and Science Pam Warrick, Neelie Dobbins, Michelle LaVicka /Math and Science Education Partnership, UALR Neelie Dobbins/ Math and Science Education Partnership, UALR Experience sensory technology activities with graphics utilities, tools and software for integrated math and science curriculum in the middle school. Activities include temperature, motion, light probes - aligned with NCTM/NSTA.</p>

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<p>#109 1:50-4:00 Peabody CC Neosho</p>	<p>Extended Session 7-12 Social Studies</p>	<p>Presenter Presider Description</p>	<p>Web Sites and Technology That Improve Teaching Larry Wilson/Hot Springs School District Zach Bledsoe/Lakeside School District This workshop will present new technology and web sites that have been used effectively in the classroom and will include entertainment that is education specific.</p>
<p>#110 1:50-2:50 Peabody Hoffman</p>	<p>Session 4-12 Science</p>	<p>Presenter Presider Description</p>	<p>Hurricanes John Hehr/University of Arkansas Terri Frost/DeQueen Mena Education Cooperative Dissect a hurricane, including eye wall development, rain bands, storm surge/wind impact, and tornado development relating to coastal areas. CD with lesson and PowerPoint presentation provided.</p>
<p>#111 1:50-2:50 Peabody Peck</p>	<p>Session 9-12 Math</p>	<p>Presenters Presider Description</p>	<p>Poster Session: Secondary Math Problems--Geometry Focus ACTM Board Aimee Evans/Mathematics Education Consultant High School students will display interesting geometry problems and explorations that they have solved and explained for topics from geometry and its connections. Some sponsors will be available at all times to discuss the problems.</p>
<p>#112 1:50-2:50 Peabody Marion</p>	<p>Session K-12 General</p>	<p>Presenters Presider Description</p>	<p>AETN Arkansas IDEAS (Internet Delivered Education for Arkansas Schools) Kathleen Branton and Mickey Kamer/AETN Mickey Kamer/AETN Learn about Arkansas IDEAS - the professional development website provided by AETN and the Arkansas Department of Education.</p>
<p>#113 1:50-4:00 Peabody Pinnacle</p>	<p>Extended Session 5-8 Science</p>	<p>Presenters Presider Description</p>	<p>Soybeans, Henry Ford and the Science Framework Barbard Griffith/Arkansas Center for Math and Science, UCA and Jerry Mimms, Uma Garimella and Carolyn Williams/UCA Jerry Mimms/University of Central Arkansas Come learn how to use soybeans to teach your students about polymers, and oil, while instilling an appreciation for the use of biological, renewable resources. Students will also gain a better understanding of DNA.</p>
<p>#114 1:50-2:50 Convention Center Toltec</p>	<p>Session K-12 Science</p>	<p>Presenter Presider Description</p>	<p>Science Notebooking Lisa Anderson/South Arkansas Math and Science Center/HSU Margaret Hall/Ft. Smith School District This session will provide teachers with the opportunity to learn how to use science notebooks. Join us and see how easy it can be for students to document consistent and valid measurements.</p>
<p>#115 1:50-5:10 Convention Center Caraway I</p>	<p>Workshop 7-12 Science</p>	<p>Presenters Presider Description</p>	<p>Inquiry Learning with the Exploratorium in San Francisco Dianne LaFollette/Museum of Discovery and Modesto Tamez/ San Francisco's Exploratorium Dianne LaFollette/Museum of Discovery Discover techniques from the folks who wrote the book on inquiry learning. Professors from the Exploratorium will show how to do amazing labs with your students using inexpensive materials.</p>
<p>#116 1:50-2:50 Convention Center Caraway II</p>	<p>Session 4-8 Science</p>	<p>Presenters Presider Description</p>	<p>Arkansas Science Adventure Linda Kellim/NWA Delta Institute for Math and Science, ASU and Debby Rogers/NEAR Institute for Math and Science, ASU Debby Rogers/NEAR Institute for Math and Science, ASU Participants will use an Arkansas Tourism packet and Arkansas Map to learn about Arkansas topics that are addressed in the K-8 Arkansas Science Frameworks by creating an individualized Arkansas Science adventure.</p>

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<p>#117 1:50-2:50 Convention Center Miller</p>	<p>Session 7-12 Math</p>	<p>Presenter Presider Description</p>	<p>Reaching Visual Learners Through TI APPS, Part II Christie Alexander/Bentonville School District Amy Evans/Mathematics Education Consultant Come and see how to use the TI CBR II to teach slope and rates of change.</p>
<p>#118 1:50-2:50 Convention Center Izard</p>	<p>Session K-5 Science</p>	<p>Presenters Presider Description</p>	<p>Teaching Inquiry-Based Science Using the Five "Es" and the Literacy Block Jennifer Gammill/NWASEC and Ashley McDonald and Tami Eggensperger/Cabot School District Ashley McDonald/Cabot School District This session will focus on teaching inquiry-based science units using the five "Es" of science. Strategies for using the literacy block, science notebooks, technology, and science centers will be used.</p>
<p>#119 1:50-2:50 Convention Center Caraway II</p>	<p>Session 7-12 Language Arts</p>	<p>Presenters Presider Description</p>	<p>Book Clubs for Junior and High School Students Erin McFalls/ Fayetteville School District and Jennifer Henderson-Harp/Farmington School District Jennifer Harp/Farmington School District "My students read the book- now what?" This session about student-directed book clubs focuses on how to facilitate discussion, create activities, develop assessments, and generate rubrics.</p>
<p>#120 1:50-2:50 Convention Center Fulton</p>	<p>Session K-5 Science</p>	<p>Presenter Presider Description</p>	<p>Using Freddy Fish and Wacky People to Meet the Elementary Science Frameworks Charre Todd/Crossett School District Charre Todd/Crossett School District Force and motion, water pollution, chemical and physical change, and classification units designed to meet the K-4 frameworks will be shared with attendees. Hand-outs will be provided.</p>
<p>#121 1:50-2:50 Exhibit Hall Governor's Hall I</p>	<p>Session 6-12 Science</p>	<p>Presenters Presider Description</p>	<p>STARLAB: Examining the STARLAB Super Cell Steve Zimmer/Math and Science Institute, ATU and Jackie Bowman/Arkansas Tech University Steve Zimmer/Math and Science Institute, ATU We will be using the STARLAB planetarium to examine the cell. The Super Cell cylinder for the STARLAB allows us to look at cell parts, cell division, and protein synthesis.</p>
<p>#122 1:50-2:50 Exhibit Hall Governor's Hall I</p>	<p>Session 5-8 Science</p>	<p>Presenters Presider Description</p>	<p>Race for Planet X Marcus Sims and Derrick Warren/Museum of Discovery Derrick Warren/Museum of Discovery Want something special at your middle school this year? Experience this interactive "Race for Planet X" firsthand and learn how to register your school for this free-of-change exhibit. Have fun and learn something, too, as you experience this interactive exhibit on wheels!</p>
<p>#123 1:50-2:50 Old State House River Front</p>	<p>Session K-12 Social Studies</p>	<p>Presenters Presider Description</p>	<p>Election 2008 Project Carleta Currie and Sarah Barton/Rogers School District Sarah Barton/Rogers School District Presidential Election 2008 project. Students will learn about the candidates, parties and platforms, and the election process.</p>
<p>#124 1:50-4:00 Old State House General Assembly</p>	<p>Extended Session K-12 Social Studies</p>	<p>Presenters Presider Description</p>	<p>Taiga, Tundra, and Culture: The Russian North Brooks Green/University of Central Arkansas and Kathleen Green/St. Joseph HS, Conway Kathleen Green/St. Joseph HS, Conway This session is devoted to presentations about the Russian taiga and tundra given by teachers who spent four weeks in Petrozavodsk and Murmansk, Russia.</p>

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<p>#125 3:00-5:10 Peabody Salon A</p>	<p>Extended Session K-12 Social Studies</p>	<p>Presenter Presider Description</p>	<p>Using Online Resources To Teach Arkansas History Kay Bland/Butler Center for Arkansas Studies, CALS Glenda Jackson/Arkansas River Education Service Cooperative Join the Butler Center for Arkansas Studies (Central Arkansas Library System) to see several online resources for teachers of Arkansas History including an encyclopedia, lesson plans, and searchable databases.</p>
<p>#126 3:00-4:00 Peabody Salon B</p>	<p>Session K-8 Math</p>	<p>Presenters Presider Description</p>	<p>Recommendations for Mathematical "Targets" Tracey Owens and Angelia Carlton/North East Arkansas ESC Angelia Carlton/North East Arkansas ESC In April 2006, NCTM released Curriculum Focal Point for pK - 8 Mathematics. Come learn about the mathematical concepts recommended as "targets" for each grade level.</p>
<p>#127 3:00-5:10 Peabody Salon C</p>	<p>Extended Session 5-12 Science</p>	<p>Presenters Presider Description</p>	<p>20 Physics and Physical Science Labs to Meet State Standards! Deborah Carder and Kathey Roberts/Lakeside School District Kathey Roberts/Lakeside School District Receive a CD with 20 or more Physics and Physical Science labs that meet state standards. Also, at the workshop, several of these labs will be presented.</p>
<p>#128 3:00-4:00 Peabody CC Arkansas Ballroom</p>	<p>Session 5-16 Language Arts</p>	<p>Presenter Presider Description</p>	<p>Comics Strips that Teach Language Arts Robert Lamm/Arkansas State University Linda Arnold/ACTELA This session presents 100 popular comic strips that find humor with alliteration, hyperbole, caricature, allusions, fractured grammar, misspellings, definitions, and dialect.</p>
<p>#129 3:00-5:10 Peabody CC Riverview</p>	<p>Extended Session 6-10 Math</p>	<p>Presenters Presider Description</p>	<p>Investigating Shapes, Area and Perimeter Sherry Lane/Alma School District and Gabriel Matney, UAFS Sherry Lane/University of Arkansas at Ft. Smith The session will engage participants in solving and analyzing a geometry task to emphasize the importance of using high cognitive demand tasks with students.</p>
<p>#130 3:00-5:10 Peabody CC Petit Jean</p>	<p>Extended Session 5-8 Science</p>	<p>Presenters Presider Description</p>	<p>Inquiry-based Science and Academic Vocabulary Integration Dennis Plyler and Catherine Mackey/ADE Catherine Mackey/Arkansas Department of Education Participate in a model lesson on the carbon cycle and learn how to incorporate hands-on, inquiry-based science with academic science vocabulary. Participants will receive electronic copies of the lesson plan and handouts.</p>
<p>#131 3:00-4:00 Peabody CC White Oak</p>	<p>Session 9-12 Language Arts</p>	<p>Presenters Presider Description</p>	<p>Poetry Comes Alive! Jo Barnes and Grimsley Graham/Rogers School District Grimsley Graham/Rogers School District Make poetry come alive in your classroom through these activities from <i>Poetry Alive!</i> and <i>Poetry Out Loud</i>.</p>
<p>#132 3:00-5:10 Peabody CC Grampas</p>	<p>Extended Session 6-12 Math</p>	<p>Presenters Presider Description</p>	<p>Get A Clue! Using Technology to Solve a "Crime" Wallece Brewer and Debby Rogers/NEAR Institute for Math and Science, ASU Debby Rogers/NEAR Institute for Math and Science, ASU Participants will work in small groups and use a variety of tools including the TI-84 to solve a "crime." Each group will present the findings of their investigation.</p>
<p>#133 3:00-5:10 Peabody CC Ouachita</p>	<p>Extended Session 10-12 Science</p>	<p>Presenter Presider Description</p>	<p>Alternate Labs for AP Biology Annice Steadman/Little Rock School District Betty Ramsey/South Arkansas Math and Science Center/HSU A series of laboratory experiments that can be used in a second year biology course.</p>

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<p>#134 3:00-5:10 Peabody Manning</p>	<p>Extended Session K-6 Science</p>	<p>Presenter Presider Description</p>	<p>Physical Science Investigations to Meet Arkansas Standards Tammy Winslow/Crowley's Ridge Educational Service Cooperative Sharon Boyd/Cabot Public Schools This workshop will present hands-on investigations to meet Arkansas Science Framework for Grades K-6. Focus on Physical Science. Free Delta Science Reader to each participant.</p>
<p>#135 3:00-5:10 Peabody Hoffman</p>	<p>Extended Session 5-6 Math</p>	<p>Presenters Presider Description</p>	<p>Fraction Islands Deanna Duncan/Center for Math and Science, UAM and Karen Busby/NEA Delta Institute for Math and Science, ASU Karen Busby/NEA Delta Institute for Math and Science, ASU Come and join the fun using a hands-on manipulative called "fraction islands". We will discuss ways to discover the area and perimeter of a rectangle, and how to model and simple fractions. We will also discover how to add, subtract, multiply and divide fractions.</p>
<p>#136 3:00-4:00 Peabody Peck</p>	<p>Session 9-12 Math</p>	<p>Presenters Presider Description</p>	<p>Poster Session: Secondary Math Problems--Upper Level Mathematics Focus ACTM Board George Bratton/University of Central Arkansas High School students will display interesting mathematics problems and explorations for topics from Algebra 1 to Calculus. Some sponsors will be available at all times to discuss the problems.</p>
<p>#137 3:00-4:00 Peabody Marion</p>	<p>Session K-8 Social Studies</p>	<p>Presenter Presider Description</p>	<p>Innovative Approaches to Teaching about Japan Vicki Gonterman/Little Rock School District Paula Armstrong/North Little Rock School District Innovative strategies for teaching about Japan will be presented and participants will receive effective K-8 hands-on lesson plans utilizing Kamishibai. Information on culture boxes and international community resources will also be shared.</p>
<p>#138 3:00-4:00 Convention Center Toltec</p>	<p>Session 5-12 Science</p>	<p>Presenters Presider Description</p>	<p>Using PowerPoint for Current Arkansas Frameworks in Math and Science Classrooms Shawn Bell, Laurie Voss and Brooke Bradley/Farmington SD Laurie Voss/Farmington School District Spend this session learning how to incorporate PowerPoint, video clips, and inquiry-based activities into your math/science classroom to fill the gaps in teaching the current Arkansas math/science frameworks.</p>
<p>#139 3:00-4:00 Convention Center Caraway II</p>	<p>Session K-12 General</p>	<p>Presenters Presider Description</p>	<p>Using Innovative Technology to Maximize Classroom Learning Mark Ramey and Doug Ward/eInstruction Doug Ward/eInstruction Use a student response pad system (the Classroom Performance System), ExamView content and a CPS Chalkboard to enhance learning in the classroom. Engage every student without embarrassing any student, and receive instant grading for the teacher.</p>
<p>#140 3:00-5:10 Convention Center Miller</p>	<p>Extended Session 9-12 Math</p>	<p>Presenter Presider Description</p>	<p>LIVE, with Real-Time Data Capture Tony Timms/Southeast Education Cooperative Joyce Mangum/McGehee School District Real-time data capture can bring meaning to interesting ideas in Algebra 2 through Calculus. Advanced features of the new TI-Nspire™ will allow capture and graphing of data in real-time in a more visual way than ever before.</p>
<p>#141 3:00-4:00 Convention Center Izard</p>	<p>Session 5-9 Science</p>	<p>Presenters Presider Description</p>	<p>The Get It Done Gang - Doing Data Right Melissa Miller and James Miller/Farmington School District, Jeff Mosby/Ft. Smith School District, Linda Shott/Pottsville School District, and Kathy Prophet/Springdale School District Jeff Mosby/Ft. Smith School District Participants will be engaged in investigations involving "hands-on, minds-on" science using easily obtained materials. Data will be collected, displayed, and analyzed. Handouts provided.</p>

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<p>#142 3:00-5:10 Convention Center Pope</p>	<p>Extended Session 6-12 Social Studies</p>	<p>Presenters Presider Description</p>	<p>All Hands on Deck: Creative Instructional Strategies Janel Wood and Phyllis Tucker/Holt, Rinehart and Winston Phyllis Tucker/Holt, Rinehart and Winston Come experience active learning strategies to implement in your social studies classroom. Hands-on lesson ideas integrate reading support and program content.</p>
<p>#143 3:00-5:10 Convention Center Fulton</p>	<p>Extended Session 3-4 Math</p>	<p>Presenter Presider Description</p>	<p>Measurement Conversion and Rate Tables in 3rd and 4th Grades Aimee Evans/Mathematics Education Consultant Aimee Evans/Mathematics Education Consultant If the unit is bigger, you divide..."what"? Has this explanation ever confused your students? Learn a new approach to helping 9 year olds understand measurement conversions and rates.</p>
<p>#144 3:00-4:00 Exhibit Hall Governor's Hall I</p>	<p>Session 4-12 Science</p>	<p>Presenter Presider Description</p>	<p>STARLAB: Oceanography John Hehr/University of Arkansas Gayle Ross/NAESC Explore the origins of the major ocean currents of the world and how their geographic position can control weather/climate. The "oceanic conveyor belt" and its climatic implications will also be discussed.</p>
<p>#145 3:00-4:00 Exhibit Hall Governor's Hall I</p>	<p>Session 5-8 Science</p>	<p>Presenters Presider Description</p>	<p>Race for Planet X Marcus Sims and Derrick Warren/Museum of Discovery Derrick Warren/Museum of Discovery Want something special at your middle school this year? Experience this interactive "Race for Planet X" first hand. Learn how to register your school for this free-of-charge exhibit. Have fun and learn something, too, as you experience this interactive exhibit on wheels!</p>
<p>#146 3:00-4:00 Old State House River Front</p>	<p>Session 4-12 Social Studies</p>	<p>Presenters Presider Description</p>	<p>Project Citizen Sleuths Dora Bradley and JoAnn Hutchinson/Arkansas Project Citizen JoAnn Hutchinson/Arkansas Project Citizen Project Citizen teaches problem-solving and action-planning to enable students with skills to become our future state and community leaders.</p>
<p>#147 4:10-5:10 Peabody Salon B</p>	<p>Session 9-12 Math</p>	<p>Presenter Presider Description</p>	<p>Fabulous Financial Planning Made Fun for Students Stan Warrick/Webster University Pam Warrick/Math and Science Education Partnership, UALR Explore the NEFE High School Financial Planning Program. Participate in a sample unit where students learn to manage money by setting goals, budgeting, saving and more. Door prizes - instructional modules.</p>
<p>#148 4:10-5:10 Peabody CC Arkansas Ballroom</p>	<p>Session 4-12 Language Arts</p>	<p>Presenter Presider Description</p>	<p>Hot Stuff: What's Hot and New in Juvenile Literature Jeff Whittingham/University of Central Arkansas Erin McFalls/Fayetteville School District Interns from UCA will present book talks about 25 of the best books published in 2007 for middle school and high school readers. Participants will receive an annotated bibliography of the books.</p>
<p>#149 4:10-5:10 Peabody CC Chicot</p>	<p>Session 9-12 Science</p>	<p>Presenter Presider Description</p>	<p>How Do You Set Up a Safe Chemistry Lab and Storage Room? Steve Zimmer/Math and Science Institute/ATU Sharon Pierce/Retired ASTA Presentation will describe basic concepts the chemistry teacher should consider when preparing a chemistry program. Topics will include chemical safety, storage, disposal, and maintenance.</p>
<p>#150 4:10-5:10 Peabody CC Harris Brake</p>	<p>Session K-12 Social Studies</p>	<p>Presenter Presider Description</p>	<p>Teaching Social Studies with the Brain in Mind Judy Boehmer/Pearson Curriculum Group/Prentice Hall Gayle Ross/NAESC Gain an understanding of how the brain stores memory and strategies to enhance long term memory. Engage in memory activities involving visual literacy, building vocabulary, and listening and writing for social studies. This workshop is highly participatory.</p>

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<p>#151 4:10-5:10 Peabody CC White Oak</p>	<p>Session K-5 General</p>	<p>Presenter Presider Description</p>	<p>Lights, Camera, Action! Center Stage with Math, Science and Literacy Julie Huskey/ETA Cuisenaire Joyce Mangum/McGehee School District A hands-on approach to center based activities to enhance and provide interventions for math, science and literacy.</p>
<p>#152 4:10-5:10 Peabody CC Neosho</p>	<p>Session 4-8 Science</p>	<p>Presenter Presider Description</p>	<p>Blending and Blurring the Lines: Science and Literacy Terri Hebert/University of Central Arkansas Terri Frost/DeQueen Mena Education Cooperative Participants take part in hands-on activities that use low cost materials and that connect the scientific with the literary, producing a unified and coherent learning experience.</p>
<p>#153 4:10-5:10 Peabody Marion</p>	<p>Session 9-12 Language Arts</p>	<p>Presenter Presider Description</p>	<p>Poetic Identity: The Poems of Our Lives Linda Arnold/ ACTELA Jennifer Henderson-Harp/Farmington School District The study of poetry can be enhanced by students' use of poems to describe their own life experiences. This session will provide participants a model for developing "poetic identity."</p>
<p>#154 4:10-5:10 Peabody Pinnacle</p>	<p>Session 8-12 Social Studies</p>	<p>Presenter Presider Description</p>	<p>Read Around the World: Exploring Other Countries Through Literature Barbara Stanford/University of Arkansas at Little Rock Yvonne Furniss/Wilbur Mills Cooperative Service Cooperative Participants will explore books about other countries and interactive activities designed to motivate students to read, to explore other cultures and to read and think critically.</p>
<p>#155 4:10-5:10 Convention Center Toltec</p>	<p>Session 6-9 Social Studies</p>	<p>Presenter Presider Description</p>	<p>The Importance and Value of Teaching State History Shay Hopper/Fayetteville School District Shay Hopper/Fayetteville School District Review and discuss research regarding the value of state history for students in grades 6-9 to build a foundation in history, economics, geography, social and cultural awareness, civics and social science processing skills. Lessons and resources.</p>
<p>#156 4:10-5:10 Convention Center Caraway II</p>	<p>Session 7-8 Math</p>	<p>Presenter Presider Description</p>	<p>Human Number Lines: Engaging Kinesthetic Learners in Middle School Math Brad Eppers/Conway School District Dicki Thomasson/Jacksonville School District Aimed at reaching underperforming sub-populations, students are engaged and out of their seats exploring the properties of inequalities and ordering real numbers.</p>
<p>#157 4:10-5:10 Convention Center Izard</p>	<p>Session 9-12 Science</p>	<p>Presenters Presider Description</p>	<p>Sustaining Environmental Science Student Interest Rene Carson/UALR and David Williams/Alma School District David Williams/Alma School District High school environmental science these days means a lot more than in the past. How do we teach students about sustainability—how to meet our needs without compromising the ability of future generations to do the same?</p>
<p>#158 After Hours 7:00– 8:00p.m. Clinton Library</p>	<p>Session K-20 Social Studies</p>	<p>Presenter Presider Description</p>	<p>President Truman and Civil Rights Carol Anderson/University of Missouri and Kathleen Pate/Clinton Presidential Library & Museum Andrea Romo/ACSS Attend this special evening session with a focus on African-American civil rights and the actions of President Truman immediately after WWII, including desegregation of the armed forces.</p>