

# NAD Teachers' Convention STEM Breakout Sessions

The following sessions have been identified and categorized by STEM discipline and Mission-Focused Learning (MFL including Service Learning). This is an attempt to help you find specific sessions as you plan your time at NAD. Be sure to double check sessions at this site to make sure there are no last minute changes:

- <http://www.nadk12teachersconvention.org/link-two/breakout-sessions/>

Science & Health	Technology	Engineering & STEM	Math	MFL & Service Learning
<b>Breakout Session 100 – Monday, August 6 - 9:45 - 11 am</b>				
<p><b>Brain Development and the Young Child</b>            Presenter: Linda Caviness            This session deals with issues related to stages of brain/body development and age-appropriate stimulation for our youngest students in formal education. Subtopics include: hot-housing of children, critical periods of development (syntax, vision, reading readiness, learned helplessness), whole-child nurture, novelty and the brain, importance of play, and others.            Session ID: <b>104</b>   Location: <b>Canal B</b></p> <p><b>Discrepant Events: More Bang, Fewer Bucks!</b>            Presenter: Gary Bradley            Discover easy, effective, affordable ways to bring your science class to life. Discrepant events (science experiments with unexpected outcomes) help cement scientific concepts for your</p>	<p><b>Apps for the Secondary Educator</b>            Presenter: Warren Dale            Bring your iPhone, iPod or iPad and let's share what works! In this hands-on session we will explore the thousands of Apps available and learn what works for teachers and students. Come prepared to share your three most useful Apps.            Session ID: <b>135</b>   Location: <b>Hermitage C</b></p> <p><b>Educational Digital Gaming and Student Learning Outcomes</b>            Presenter: Luis Grados            This presentation will explain how digital gaming is being incorporated into the curriculum to engage our students in the learning process. We need to understand that raising kids in the 21st century will require our teaching methods to change to create excitement in the classroom.</p>		<p><b>Quick and Easy Ways to Teach Time, Money, and Multiplication</b>            Presenter: Tiffany McNealy            Learn how to teach children in kindergarten-third grade how to tell time, count money and multiply within a few days of starting school.            Session ID: <b>105</b>   Location: <b>Jackson C</b></p> <p><b>Geogebra: Powertool for Your Math Classroom</b>            Presenter: Tim Kaldahl            This presentation explores the use of Geogebra, a free tool, in the math classroom. Examples from algebra through calculus will be shown, as well as an introduction to the web site with many lesson ideas that have been prepared by others.            Session ID: <b>133</b>   Location: <b>Hermitage D</b></p>	<p><b>Teaching to the Emotional and Spiritual Needs of our Students</b>            Presenter: DeeAnn Bragaw            This hands-on workshop focuses on the emotional and spiritual needs of four distinct groups of learners. Easily identifying those needs and adapting lessons to be intentional about reaching our students for Jesus will be our goal. Plan on discussion, activity, and fun as we learn proven strategies together!            Session ID: <b>154</b>   Location: <b>Ryman Studio P</b></p> <p><b>Enhancing the Spiritual Dimension in the K-12 Classroom</b>            Presenter: Robert Egbert            Receive a practical guide for incorporating spiritual values and experiences in the classroom. Every teacher should be a spiritual mentor to the students in their classroom. The purpose of Adventist Education is to</p>

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<p>students. Numerous discrepant events, inexpensive and simple enough for students to reproduce at home, will be demonstrated. Session ID: <b>118</b>   Location: <b>Lincoln A</b></p> <p><b>Making Science Activities Educational: Using the New Science Series</b> Presenter: Lee Davidson The new NAD grades 1-8 science series is designed around the inquiry approach. This seminar is designed to show how activities can not only be enjoyed by the students but can be educational as well. Emphasis will be given to asking appropriate questions. Session ID: <b>127</b>   Location: <b>Bayou A</b></p> <p><b>SHOPTALK: Secondary Science</b> Session ID: <b>146</b>   Location: <b>Cheekwood F</b></p>	<p>Session ID: <b>149</b>   Location: <b>Ryman C</b></p> <p><b>Google Tools for Teaching and Learning</b> Presenter: Tammy Worchester You're probably already using Google as a search tool. But did you know it offers far more than that for your classroom? In this session we'll explore iGoogle, Google Docs, Google Maps, Google Calendar, Blogger, and other cool Google tools—we'll also discuss setting up and managing student logins and accounts. Session ID: <b>162</b>   Location: <b>Governor's North</b></p> <p><b>iPad, iPod Touch, iPhone Tips and Tricks</b> Presenter: Patsy Lancios Learn and share tips and tricks when using iDevices. Whether you are a new user or an experienced pro, this session will provide ways to save you time and answer your questions. Session ID: <b>163</b>   Location: <b>Governor's South</b></p> <p><b>Videoconferencing: Discover the Possibilities</b> Presenter: Janine Lim Oh the places you will go with desktop or room-based videoconferencing!</p>			<p>provide that aspect of learning in an atmosphere that promotes a relationship with the Lord. Session ID: <b>156</b>   Location: <b>Ryman Studio Q</b></p> <p><b>Wholly Healthy: It's a Whole Lot More than Tofu and Triathlons</b> Presenter: Ted Hamilton We all know that eating healthful foods and getting regular exercise is essential to wholesome living. But we can achieve the pinnacle of physical health, and still not be "wholly healthy." Might our priorities and life balance affect our health? And how about faith, hope, and love—can we be wholly healthy without them? Session ID: <b>177</b>   Location: <b>Tennessee A</b></p>

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	<p>Learn about free NASA programs, quality interactive content from zoos and museums, and amazing videoconferencing projects for your students. Find out what technology you need to participate and how to bring the world into your classroom.            Session ID: <b>165</b>              Location: <b>Governor's Chamber B</b></p> <p><b>Apps for the Elementary Classroom</b>            Presenter: Judy Nunez            Bring your iPhone, iPod or iPad and let's share what works! In this hands-on session we will be exploring the thousands of Apps available and learn what works for teachers, including multiplayer apps. Come prepared to share your three most useful Apps.            Session ID: <b>166</b>              Location: <b>Governor's Chamber D</b></p> <p><b>Terminology 101</b>            Presenter: Sandra Green            This session is for teachers who have no knowledge in using the computer and need to become familiar with the basic terminology.            Session ID: <b>167</b>              Location: <b>Presidential Chamber A</b></p>			

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	<p><b>High-Tech Classroom, Low-Tech Budget</b>  Presenter: James C Davis Jr  See software and hardware that can be had at low—or no—cost that can bring your classroom into the future; software and hardware for creating instructional videos, how to improvise a document camera, how to create an interactive whiteboard with a Wii remote and more.  Session ID: <b>168</b>    Location: <b>Governor's Chamber E</b></p> <p><b>How to Use Moodle to Organize, Sequence, and Share Digital Content in a 1:1 Device Program</b>  Presenter: Brad Lee  When launching 1:1 device programs, schools often focus on management of the devices, not the content. How will you organize and save your content so you can reuse it? See how Moodle can maximize a school's investment in their 1:1 program by organizing content to create a rich, interactive learning experience for students.  Session ID: <b>172</b>    Location: <b>Ryman Studio B</b></p> <p><b>Social Networking</b>  Presenter: Dionne Rowe  Learn social media etiquette</p>			

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	for students and guidelines for educators using social networking sites. Session ID: <b>186</b>   Location: <b>Presidential D</b>			

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<b>Breakout Session 200 - Monday, August 6 – 11:15 – 12:30 pm</b>				
<p><b>BirdSleuth: Most Wanted Birds</b>  Presenter: Phil Kahler  Open your students' eyes to the birds all around them! The Most Wanted Birds kit includes full-color focus cards, interactive computer-based bird ID quizzes, posters, and hands-on activities. Your students will learn how to identify the birds in your schoolyard and to report their bird sightings on eBird!  Session ID: <b>224</b>    Location: <b>Lincoln A</b>  </p> <p><b>Inquiry Science: Asking Questions, Seeking Answers</b>  Presenter: Dan Wyrick  Inquiry-based science teaches science by doing science. Inquiry science engages students in the processes of science as well as exciting them about science and motivating them to learn more. This workshop focuses on activities that promote inquiry-based science experiences. Teachers will develop and take away several inquiry-based lab activities.  Session ID: <b>233</b>    Location: <b>Canal A</b></p>	<p><b>Web 2.0 Applications that Support 21st Century Learning</b>  Presenter: Tim Buttler  Instilling 21st century skills has emerged as a critical teaching goal. Commercial software programs incorporate these objectives, but the 7 C's can be met by free- or low-cost cloud computing applications via Web 2.0 sites. (The 7 C's - Creativity, Critical Thinking, Communication, Collaboration, Computing, Career learning, and Cross-cultural understanding).  Session ID: <b>228</b>    Location: <b>Canal C</b></p> <p><b>SHOPTALK: Secondary Computer Education &amp; Technology Specialists</b>  Session ID: <b>249</b>    Location: <b>Belle Meade C</b></p> <p><b>Whole Health Across the Life Course: What Teachers Can Do</b>  Presenter: Katia Reinert  This seminar will discuss how educators can incorporate health education in a fun, motivational way. Helpful tools and resources will be discussed, including initiatives to reduce childhood obesity, such as Adventists InStep for Life ,</p>		<p><b>Mathopoly - Engagement for Students, Assessment for Teachers</b>  Presenter: Willi Penner  Come to learn, stay and play! Mathopoly has given students the opportunity to strengthen skills in a fun and engaging way and given teachers unique assessment opportunities. Driven by curriculum and rich in assessment, come see Mathopoly in action.  Session ID: <b>225</b>    Location: <b>Lincoln D</b></p> <p><b>Number Talks: Students Building Mental Math and Computation through Discourse</b>  Presenter: Deb Fetch  Number Talks are powerful 10 to 15 minute classroom conversations around purposeful, contextual computation problems solved mentally. Designed to elicit specific strategies that focus on number relationships, number sense, and operational sense, students share and defend their solutions and strategies, collectively reasoning about numbers while building conceptual ideas and connections.  Session ID: <b>230</b>    Location: <b>Bayou C</b></p>	<p><b>Stimulating the Spiritual, Moral, and Faith Development of Children and Adolescents</b>  Presenter: Dale Johnson  This presentation is appropriate for all grade levels and goes "across the curriculum." Spiritual development does not simply happen; it has to be stimulated, taught, and modeled. Presentation based on research, best practices and theoretical concepts.  Session ID: <b>244</b>    Location: <b>Cheekwood A</b></p> <p><b>"Teaching In the Spirit" - Gaining Spiritual victory in Your Classroom!</b>  Presenter: Tara Bailey  Understand and experience the power of following in the footsteps of the Teacher, Jesus Christ! We will learn practical principles on how to teach on a spiritual plane to effect dynamic change in your students from the inside-out.  Session ID: <b>281</b>    Location: <b>Tennessee E</b></p> <p><b>The Role of the Holy Spirit in Adventist Education</b>  Presenter: Garry Sudds  This presentation will consider the work of the Holy Spirit in the school system ordained (set apart for a holy</p>

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<p><b>You can put on a "Science Show"</b>  Presenter: Ben Roy  Learn how you can get your students excited about science by putting on a "Science Show" for them. Come learn step by step instructions that will transform you into a "Science Showman."  Session ID: <b>236</b>    Location: <b>Canal E</b></p> <p><b>Preparing Students for College Science Courses</b>  Presenter: Rhonda Scott  Join three science departments from Southern Adventist University in discussing the challenges high school students face when they take introductory science courses and the knowledge and skills we expect them to bring into the classroom and laboratory.  Session ID: <b>240</b>    Location: <b>Hermitage E</b></p> <p><b>Wild Mushrooms of Washington County, MD: A Toyota Tapestry Project</b>  Presenter: Ophelia Barizo  The project, featured in the 2011 Pearson Environmental Science textbook, is a 9th grade project that was funded by a Toyota Tapestry grant of \$10,000. Students produced a</p>	<p>Let's Move Day, and lifestyle challenges to be used in conjunction with the curriculum.  Session ID: <b>258</b>    Location: <b>Ryman Studio O</b></p> <p><b>Tammy's Favorite Technology Tips, Tricks, and Tools</b>  Presenter: Tammy Worchester  There are so many new technology gadgets, apps, and websites, that it is nearly impossible to keep up. In this fast-paced session, Tammy will share her favorite newly-discovered tips, tricks, and tools for teachers and students.  Session ID: <b>266</b>    Location: <b>Governor's North</b></p> <p><b>iPads in the Classroom</b>  Presenter: Lisa Moller  Let the iPad be your teaching assistant! With a myriad of inexpensive, innovative apps, it can be used for differentiated instruction, project-based learning, classroom management, and organization for busy teachers. For all grades and subjects, big school or small, come see how the iPad can benefit your classroom!  Session ID: <b>268</b>    Location: <b>Governor's Chamber D</b></p>			<p>purpose) by God. The presentation will focus on the role of the Holy Spirit in the lives of Adventist educators and how they can go deeper in their relationship with God.  Session ID: <b>388</b>    Location: <b>Tennessee E</b></p>

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<p>pictorial database of wild mushrooms, and investigated the various roles fungi play in forest ecosystems and in our lives. Session ID: <b>247</b>   Location: <b>Belmont B</b></p> <p><b>Neuroeducation: Lessons from Neuroscience for Teaching and Learning</b> Presenter: Linda Caviness This session provides an overview of how the brain processes information and how that process fits into a model for teaching and learning. Use of this model allows teachers to self-assess to ensure balance in honoring active/passive processing, skills development/creative expression, differentiated instruction, whole-person nurture. Session ID: <b>256</b>   Location: <b>Ryman C</b></p> <p><b>Whole Health Across the Life Course: What Teachers Can Do</b> Presenter: Katia Reinert This seminar will discuss how educators can incorporate health education in a fun, motivational way. Helpful tools and resources will be discussed, including initiatives to reduce childhood obesity, such as Adventists InStep for Life ,</p>	<p><b>Google...More Than Just a Search Engine</b> Presenter: Liezl Quion Many people may not be familiar with the Google tools and applications that can be utilized in education. A brief overview of the following Google tools will be presented - Presentations, Docs, Forms, Earth, Maps, Voice, Groups, and Sites. Session ID: <b>270</b>   Location: <b>Governor's Chamber B</b></p> <p><b>Collaborative Projects—Bringing the World to Your Classroom</b> Presenter: Colin Hill Adventist Education has an advantage few other systems can compete with: our worldwide presence. Is now the time to take advantage of that? Come and see how current technology can bring the world to your classroom and together provide amazing opportunities. Session ID: <b>271</b>   Location: <b>Governor's Chamber E</b></p> <p><b>iTeach: Technology for Teachers</b> Presenter: Bryant Taylor This workshop will expose teachers to the latest technologies and share ideas on how to utilize and</p>			



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<p>Let's Move Day, and lifestyle challenges to be used in conjunction with the curriculum. Session ID: <b>258</b>   Location: <b>Ryman Studio O</b></p> <p><b>Hydroponic School Gardens—As Easy As 1, 2, 3</b> Presenter: Joey Freitas Session ID: <b>260</b>   Location: <b>Ryman Studio Q</b></p> <p><b>Leonardo da Vinci's Art and Science Connections</b> Presenter: Debbie Muthersbaugh Integrating diverse subjects can sometimes prove challenging. Leonardo da Vinci is primarily remembered as a great artist, yet his connections to science are profound. This presentation discusses ways we can integrate science and art by examining themes from the life of the Renaissance man himself. Session ID: <b>261</b>   Location: <b>Ryman A</b></p>	<p>incorporate them in the classroom. Session ID: <b>272</b>   Location: <b>Governor's Chamber A</b></p> <p><b>Meeting Your School's Internet Needs</b> Presenter: Warren Dale This session is about getting your school online and managing internet connectivity. Now that hand held devices have invaded our classrooms, the instructional needs of our schools have changed. In this session you will learn how plan, install and manage your school's internet access. Session ID: <b>292</b>   Location: <b>Delta Island C</b></p>			

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<b>Breakout Session 300 - Monday, August 6 – 3:45 – 5:00 pm</b>				
<p><b>Healthy on Purpose: Hands-on Nutrition</b>  Presenter: Beth Stevenson  Hands-on learning is the best way to get kids enthused about making healthy choices. This program teaches your students basic nutrition principles and then gets their hands dirty as they make up simple recipes that introduce good food choices. A PowerPoint highlights many healthy foods from cultures around the world.  Session ID: <b>326</b>    Location: <b>Belle Meade C</b></p> <p><b>Wait 'Till I Get My Hands on That!</b>  Presenter: Dan Wyrick  A wise man once said, "If you don't make a mess, you don't teach science." Science is doing, not reading. Come and experience new hands-on activities that use simple, everyday materials, that emphasize science processes—not "right answers"—and learn techniques for creating your own unique science activities.  Session ID: <b>337</b>    Location: <b>Washington B</b></p> <p><b>Making Science Real with Lab Notebooks and Whiteboards</b>  Presenter: Rhonda Scott</p>	<p><b>From Clay Tablets to Computer Tablets, iPods in YOUR Classroom</b>  Presenter: Judy Nunez  This session is for the teacher with access to handhelds in their classroom. This is a hands-on session (BYOD) where you will learn how to leverage these pocket supercomputers to enhance your instruction. Learn how to manage, track and share student progress in safe social networking environments.  Session ID: <b>308</b>    Location: <b>Jackson B</b></p> <p><b>Movie Making in the Social Studies Classroom</b>  Presenter: Linelle Andrew  Social Studies can be daunting for both students and teachers. To bring the concepts alive, it is often necessary to utilize unique ways for students to experience the material. Educators will learn how to plan, implement, shoot, and edit movies that will extend learning, engage students, and electrify the creative juices!  Session ID: <b>322</b>    Location: <b>Lincoln B</b></p> <p><b>Google Activities for Kids</b>  Presenter: Tammy</p>	<p><b>Using Grants to Fund STEM Education in My Classroom</b>  Presenter: Ophelia Barizo  This presentation will be on using grants to fund STEM learning in science classes. It will highlight STEM projects in the presenter's classroom that were funded by grants, as well as give teachers resources for finding these funds.  Session ID: <b>338</b>    Location: <b>Cheekwood H</b></p> <p><b>EXSEED: K-12 STEM Education with a Mission-focused Learning Perspective</b>  Presenter: Ron Carter  Come find out how participating in EXSEED can expand and support you and your students in STEM. Learn what EXSEED educators are doing and how you can join them. Online resources, STEM student activities and collaborative projects, access to the latest research, and much more are available to Adventist K-12 educators.  Session ID: <b>361</b>    Location: <b>Ryman Studio Q</b></p> <p><b>iPad Apps for STEM</b>  Presenter: Patsy Lanclos  Hundreds of iPad apps exist for STEM curriculum (Science, Technology,</p>	<p><b>Creating Innovative Reading and Math Centers</b>  Presenter: Celeste Giles  This session will provide engaging ideas for math and reading centers where students can practice and apply strategies that have been taught utilizing various methods, games and technology.  Session ID: <b>301</b>    Location: <b>Presidential Boardroom B</b></p> <p><b>Playing With Probability</b>  Presenter: Julianne Primero  Join us for a fun filled way to teach probability using games. You will play several different games and learn how to teach students to evaluate them for fairness, predict what will happen, and organize outcomes in several ways. Real-life hands-on math, here we come.  Session ID: <b>328</b>    Location: <b>Bayou D</b></p> <p><b>The Plan of Salvation through the Lens of Math</b>  Presenter: Freddy Fuentes  Teachers will see multiple examples on how to connect math instruction to the plan of salvation. Teachers will engage in a mini workshop, creating their own examples.  Session ID: <b>334</b>  </p>	

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<p>Any demonstration or lab activity can be enhanced by having students use lab notebooks to record data and observations. Large white boards can be used as a presentation tool where students are able to display their data, graphs, diagrams, or lab results. Session ID: <b>344</b>   Location: <b>Cheekwood F</b></p> <p><b>Classroom Beekeeping</b> Presenter: Phil Kahler Add excitement to your classroom by opening a window to the hidden world of the honeybee. Observation beehives allow students to observe the industrious work and life cycle of the honeybee. Discover the passion and commitment needed to make your classroom beekeeping project a success. Session ID: <b>353</b>   Location: <b>Ryman Studio C</b>  </p> <p><b>Media on the Brain</b> Presenter: Scott Ritsema It's this generation's obsession: TV/movies, music, Facebook, gaming, etc. But what does the latest science say about the mind-altering effects of these media? And what is the spiritual agenda in the entertainment industry? Come acquire the tools to free the minds of</p>	<p>Worcester Google offers a variety of applications that allow students to create, collaborate, and share. See some clever activities for students - ideas that are not only quick and easy, but also require creativity and higher-level thinking. Activities will be demonstrated from start to finish, using Google's free suite of Web 2.0 tools. Session ID: <b>367</b>   Location: <b>Governor's North</b></p> <p><b>Practical Applications of Technology Education</b> Presenter: Raymond Carson See how Science, Technology Engineering, and Math (STEM) can be incorporated to stimulate student interest in related professions and occupations. The combination of hands-on activities and academics tend to engage students more thoroughly than just academics alone. Session ID: <b>369</b>   Location: <b>Governor's Chamber E</b></p> <p><b>Wikis for Collaboration: Face-to-Face, Online, and Across Schools</b> Presenter: Janine Lim Wikis are a great way to support collaboration in your classroom, in online courses or for projects with students</p>	<p>Engineering and Mathematics). A variety of apps will be explored such as reference apps, apps that include experiments, and apps that promote productivity as well as apps to intrigue the younger student to become engaged in STEM courses. Session ID: <b>368</b>   Location: <b>Governor's South</b></p>	<p>Location: <b>Canal C</b></p> <p><b>High School Mathematics: Typing it all Together with Critical Thinking</b> Presenter: Thomas Clark Are your students developing concepts, or are they learning passively, with shortcuts? This workshop will explore why high school mathematics instruction is often difficult, and develop strategies to help students "think." We will discover response indicators which evidence critical thinking, and generate sound classroom strategies that will generate good thinking. Session ID: <b>352</b>   Location: <b>Magnolia Boardroom</b>  </p> <p><b>Hands-On Equations</b> Presenter: Mary Ann Walden Hands-On Equations teaches linear equations via the use of manipulatives. Students learn the legal moves that will enable them to arrive at the correct answers. HOE enables students to avoid, or overcome, a fear of Algebra while gaining competence and confidence. Beneficial for grades 3 through GED. Session ID: <b>355</b>   Location: <b>Ryman Studio N</b></p>	

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<p>your students and lead them to Jesus. Session ID: <b>354</b>   Location: <b>Ryman Studio M</b></p> <p><b>Unlocking the Book of Nature</b> Presenter: Marty Miller Unlocking the Book of Nature provides the keys to understanding how God speaks to man through nature. If you are attracted to the beauty of God's creation, come and take a "reading lesson" in God's picture book... the Book of Nature! Session ID: <b>385</b>   Location: <b>Tennessee D</b></p>	<p>around the world! Learn about the possibilities, best practices, and free tools. Session ID: <b>370</b>   Location: <b>Governor's Chamber D</b></p> <p><b>Google Apps for Education: More Than Just Gmail</b> Presenter: Colin Hill Google Apps for Education is offered free to schools. Learn how teachers are using this cloud-based service with its multi-authoring capabilities to increase student engagement and productivity while simplifying your technology requirements. Session ID: <b>372</b>   Location: <b>Governor's Chamber B</b></p> <p><b>Newscasts and Video Production</b> Presenter: Walter Lancaster, Enilson Sarli Learn how to begin or improve school TV newscasts on any size budget, creating student video productions that have the professional look of network TV. Learn how to use green screen technology to produce and share your students' broadcasts. Session ID: <b>373</b>   Location: <b>Governor's Chamber A</b></p>		<p><b>Teach Math! Teach Jesus!</b> Presenter: Wayne Edwards An extensive hands-on workshop on integrating faith and learning in the K-12 math curriculum using technology, examples of students' work, and a simple teaching method. This workshop will support any math curriculum and help students to solve math problems while having an experiential relationship with Jesus. Session ID: <b>362</b>   Location: <b>Ryman Studio R</b></p> <p><b>Geometer's Sketchpad—Intro to Intermediate Skills</b> Presenter: Alian Purba Geometer's Sketchpad is an alternative to the conventional use of a compass and straightedge in a classroom. This dynamic geometric software teaches spatial reasoning and visualization by sketching three-dimensional objects from two-dimensional perspectives, or two-dimensional perspectives from three-dimensional objects, and by solving related problems. Session ID: <b>374</b>   Location: <b>Governor's Chamber C</b></p>	

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<b>Breakout Session 400 - Tuesday, August 7 – 11:15 – 12:30 pm</b>				
<p><b>Creating an Edible Schoolyard</b>  Presenter: Brad Jones  An interactive workshop for teachers and administrators which will allow participants to conceptualize their schoolyard garden. Gardens may be in containers, large natural habitats, or conventional garden beds—they all serve the same basic purpose as a living laboratory for student experimentation and observation.  Session ID: <b>432</b>    Location: <b>Canal A</b></p> <p><b>Using Questions to Motivate: The Inquiry Method</b>  Presenter: Jean Buller  The Inquiry Method, mostly used in science, starts with a question. This method uses a student's curiosity to learn by actively exploring. This session explains and demonstrates this method used in the new By Design science program, along with applications to other subjects: language arts, Bible, social studies.  Session ID: <b>433</b>   Location: <b>Bayou D</b></p> <p><b>Safety Issues in K-12 Science Classrooms</b>  Presenter: Barbara Reid</p>	<p><b>Creating Your Own Television Program</b>  Presenter: Judy Shull  One way to expand our unique Seventh-day Adventist message is through the use of television. Join us as you learn how even elementary students can begin developing the skills used by this media as they create their own weekly television program that will be aired locally.  Session ID: <b>424</b>    Location: <b>Lincoln B</b></p> <p><b>Tips for Getting Started with iPods in the Elementary Classroom</b>  Presenter: Judy Nunez  In this beginners session a second grade teacher will share how she implemented one-to-one iPods in her classroom. You will learn how to configure iOS devices. There will be lots of tips for daily lessons. You will receive suggested App lists and class management websites. BYOD (Bring Your Own Device).  Session ID: <b>429</b>    Location: <b>Canal D</b></p> <p><b>Preventing "Death by Powerpoint:" Help Student Presentations Come Fully Alive</b>  Presenter: Cheri Gregory</p>		<p><b>Ready, Set, Go! Strategies for Pre-K Readiness, Literacy, and Math</b>  Presenter: Diane Eldridge  Focusing on a child's need to play, this interactive session provides engaging strategies for children with diverse learning styles. The session uses familiar classroom materials to foster crucial skills in readiness, literacy, and math. Learn activities to develop pencil grip, letter/number recognition, name-writing, vocabulary, phonological awareness, counting, shapes, and patterns.  Session ID: <b>402</b>    Location: <b>Magnolia Boardroom B</b></p> <p><b>THAT'S LIFE!</b>  Presenter: Mary Ann Walden  THAT'S LIFE! is a money-management/classroom-management curriculum which teaches partnering with God through tithing and giving of offerings, personal financial responsibility, money must be earned, behavior and attitude affect our ability to earn money, auditing of financial records, and checkbook handling.  Session ID: <b>406</b>    Location: <b>Jackson A</b></p>	<p><b>Using Questions to Close the Biblical Integration Gap</b>  Presenter: Glynis Bradfield  Resolved to intentionally integrate a biblical perspective in your teaching, but not sure how? Wondering how to more effectively use questions to help students connect what they study and what the Bible teaches? Leave this workshop with a lesson you draft and a raft of practical tools available through CIRCLE.adventist.org  Session ID: <b>462</b>    Location: <b>Ryman Studio Q</b></p>

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<p>This presentation presents key safety issues for science teachers in K-12 classrooms and how to solve them. Sources for safety information will also be presented. Session ID: <b>454</b>   Location: <b>Ryman C</b></p> <p><b>To the Seafloor in a Cardboard Box! Teaching through Simulations</b> Presenter: Tom Lee Simulations are powerful teaching devices that can activate all learning domains and integrate content areas through very active learning. As a model, I will share a simulation my academy science students and I developed—building deep submergence vehicles to study hydrothermal vents and marine archaeology. Get handouts and make models! Session ID: <b>461</b>   Location: <b>Ryman A</b></p>	<p>We'll start by investigating the Top Ten Design Crimes students commit (often by copying what the grown-ups do!) when making ugly PowerPoint "slide-u-ments." Then, we'll explore the Top Ten Design Tips for Powerful Presentations and discuss all aspects of preparation (especially practice, practice, and more practice!) Session ID: <b>447</b>   Location: <b>Cheekwood H</b></p> <p><b>Let's Go with Glogs!</b> Presenter: Elaine Plemons Looking to raise your student's critical thinking and creativity levels? Glogs may be your answer! In this session learn how students and teachers can create and use these multimedia posters for all subject areas and grade levels. Creating a Glog is easy and free! Session ID: <b>455</b>   Location: <b>Ryman Studio C</b></p> <p><b>Creating Interactive Student Notebooks</b> Presenter: Keith Leavitt Do your students hate taking notes? Are their notebooks messy, unintelligible pages of poorly understood ideas? Change all of that with Interactive Student Notebooks, a strategy that incorporates principles of</p>		<p><b>"Let's Get Physical!" - with Math on the Floor</b> Presenter: Wendy Hill This highly interactive session will introduce teachers to the many creative ways of using a large 100-square floor grid to demonstrate many mathematical concepts in all strands. Teachers will see how common core standards can be easily addressed through this kinesthetic approach to learning. Come with a camera prepared to play! Session ID: <b>409</b>   Location: <b>Lincoln E</b></p> <p><b>Three Reasons Why Your Mathematics Students Should Do WebWork</b> Presenter: Jonathan Duncan Would you like to assign more effective homework? WeBWorK delivers individualized assignments with instantaneous feedback. Spending too much time grading? WeBWorK scores assignments automatically. Are commercial homework systems just too expensive? Come learn why hundreds of schools are using this free, easy-to-use, online homework system and how yours can too. Session ID: <b>443</b>  </p>	

Science & Health	Technology	Engineering & STEM	Math	MFL & Service Learning
	<p>differentiation, learning styles, multiple intelligences, and brain-based activities to enhance the understanding and application of learning for all students. Session ID: <b>458</b>   Location: <b>Ryman Studio O</b></p> <p><b>iPad Apps for STEM</b> Presenter: Patsy Lanclos Hundreds of iPad apps exist for STEM curriculum (Science, Technology, Engineering and Mathematics). A variety of apps will be explored such as reference apps, apps that include experiments, and apps that promote productivity as well as apps to intrigue the younger student to become engaged in STEM courses. Session ID: <b>468</b>   Location: <b>Governor's South</b></p> <p><b>iBeam Me Up!</b> Presenter: Warren Dale "Communicators" in your students' pockets? In this session you will learn how to use videoconferencing to enable your students to collaborate on projects with other students. Let's bring Adventist classrooms around the world together to learn! Take away sample lessons and links to collaboration sites. BYOD</p>		Location: <b>Belmont C</b>	

Science & Health	Technology	Engineering & STEM	Math	MFL & Service Learning
	<p>Session ID: 470   Location: <b>Governor's Chamber A</b></p> <p><b>Using Technology to Differentiate Instruction and Promote Teacher Collaboration</b></p> <p>Presenter: Michael McCarthy Technology is changing the way people learn and is a powerful tool for accessing and sharing innovative instructional ideas. This session introduces a web-based system that offers a simple 4-step model for lesson design, along with tools for collaborating and sharing high impact instruction with SDA teachers throughout the country.</p> <p>Session ID: 471   Location: <b>Governor's Chamber E</b></p> <p><b>Extending Spatial Thinking with Geographic Information Systems (GIS)</b></p> <p>Presenter: Seth Wiafe Spatial thinking underpins activities that range across the fabric of our lives; whether using MapQuest to find routes for driving or in science where statisticians use the visualization powers of data. This presentation discusses how teachers can integrate GIS into the curriculum as a foundation</p>			



Science & Health	Technology	Engineering & STEM	Math	MFL & Service Learning
	<p>for spatial thinking. Session ID: <b>472</b>   Location: <b>Governor's Chamber C</b></p> <p><b>Obtaining and Using a Student Response System</b> Presenter: Walter Lancaster, Steve McClain, Maylinne Peters, Matt McFarland Want to get instant feedback from your students after a lesson, quiz, test, or review? This presentation will demonstrate how to use the student response system to achieve this and how to quickly and easily create a quiz or review using the test generator. Grant information will also be provided. Session ID: <b>473</b>   Location: <b>Ryman Studio R</b></p> <p><b>iPads—An Educator's Most Powerful Tool</b> Presenter: Phil Wilhelm iPads are here to stay and soon nearly every classroom in the nation will have them. Find out how you can be leading the pack and bringing your students along with you using this amazing device. We will demonstrate how revolutionary this can be to the learning environment. Session ID: <b>474</b>   Location: <b>Governor's Chamber D</b></p>			

Science & Health	Technology	Engineering & STEM	Math	MFL & Service Learning
	<p><b>Who Owns the Learning?</b>  Presenter: Alan November  Perhaps the most powerful idea in technology and learning is the opportunity for students to manage and lead more of their own learning. Powerful new tools, such as screen casting and global learning communities can lead to higher student work ethic. Educators are more important than ever!  Session ID: <b>494</b>    Location: <b>Delta Ballroom</b></p>			

Science & Health	Technology	Engineering & STEM	Math	Service Learning
<b>Breakout Session 500 - Tuesday, August 7 - 3:45 - 5 pm</b>				
<p><b>By Design Supplemental Science Experiments and Hands-on Activities</b>  Presenter: Ben Roy  If you are one of the smart teachers and want more ideas on how to teach science that point to our Creator God, then come explore some exciting By Design supplemental science lesson ideas that will enhance student learning. This will be fun!  Session ID: <b>528</b>   Location: <b>Bayou A</b></p> <p><b>Engage, Inspire, and Transform Your Students through Service-Learning</b>  Presenter: Melissa Tortal  What is service-learning? Should I implement it in my classes? How does this work? Do I really have the time to do it? Find out the answers to these questions and more in this practical, interactive workshop.  Session ID: <b>535</b>   Location: <b>Canal B</b></p> <p><b>Environmental Science: A Career Based Approach to Science and Math</b>  Presenter: Robert Fetters  Students have always asked, Why do I have to learn this? This presentation will provide a way to answer this question by integrating</p>	<p><b>Keyboarding Online—Real Skills! No Hunting and Pecking!</b>  Presenter: Barbara Ellsworth  Session will focus on common problems and solutions for web-based software—cheating, Internet down, bandwidth. Additional topics include breaking/preventing hunting and pecking, individualizing instruction for varied learning speeds, automatic grading and recording of scores and grades in Awesome Teacher Manager, and video presentation of correct keyboarding techniques.  Session ID: <b>524</b>   Location: <b>Lincoln C</b></p> <p><b>Digital Storytelling</b>  Presenter: Othniel Scott  Good readers craft mental movies of images evoked by stories. In this presentation, educators will utilize digital storytelling as an innovative tool in their literacy development repertoire to teach twenty-first century students skills such as visual literacy, global awareness, information literacy, communication and technology literacy.  Session ID: <b>533</b>   Location: <b>Canal D</b></p>		<p><b>READY...SET...GO MATH!</b>  Receive an overview of the new elementary mathematics materials for the students in grades K-6. Each group will have an opportunity to look at the new “Go Math” materials, learn about the program’s organization and resources, view technology demonstrations, and interact with several activities designed to meet the needs of your classroom.  Session ID: <b>513/ 514</b>   Location: <b>Ryman Studio J/K / Ryman Studio H/I</b></p> <p><b>Get the Big Picture about Big Ideas Math</b>  Come for the snapshot tour of the Big Ideas Math Common Core Program for your 6-8 grade students. Big Ideas Learning will describe all the Big Ideas materials and how they will create enthusiasm, excitement and deeper understanding of mathematics for students. The album includes activities, Laurie’s Notes, cutting-edge technology and more.  Session ID: <b>520/521</b>   Location: <b>Ryman Studio D/E / Ryman Studio F/G</b></p>	<p><b>Engage, Inspire, and Transform Your Students through Service-Learning</b>  Presenter: Melissa Tortal  What is service-learning? Should I implement it in my classes? How does this work? Do I really have the time to do it? Find out the answers to these questions and more in this practical, interactive workshop.  Session ID: <b>535</b>   Location: <b>Canal B</b></p> <p><b>How Students and Senior Citizens Can Work Together and Mutually Benefit</b>  Presenter: Marilyn Renk  Ten thousand baby boomers are turning 65 every day. What lessons can retirees and students learn from each other? Come to this session to hear proven, exciting ideas for community service projects and much more. Seniors have so much wisdom to share and children have energy and creativity. It is a very synergistic effect.  Session ID: <b>554</b>   Location: <b>Ryman Studio M</b></p>

Science & Health	Technology	Engineering & STEM	Math	Service Learning
<p>career role play into the science and math curriculum. Students become naturalists, environmental chemists, and environmental engineers to put into action the curriculum they have learned. Session ID: <b>540</b>   Location: <b>Cheekwood G</b></p> <p><b>Comprehensive Health Curriculum: The Gardening Module</b> Presenter: Katia Reinert Understand the need for a comprehensive health approach that is inclusive of gardening and cooking classes. We will discuss how to engage and motivate students in cultivating gardens and learning healthful meal preparations. Learn from successful implementations of these important contributors to the health of individuals, families, and communities. Session ID: <b>559</b>   Location: <b>Ryman Studio Q</b></p>	<p><b>NoodleTools, Blogger, YouTube, and Nings: How is Technology Giving Us Wings?</b> Presenter: Daniel Gregory Technology takes teaching to a whole new level. We'll share how we use technology tools, programs, websites, and services in our Math/Religion and English classes. We'll explore technology-based project development and asynchronous learning options. And we'll look at the dangers and limitations of technology. Session ID: <b>545</b>   Location: <b>Cheekwood H</b></p> <p><b>Free iPad Apps</b> Presenter: Patsy Lanclus Many free apps exist in all curricular areas and that are useful and have educational value in the classroom and by students anytime, anywhere. Explore ways to engage students with activities using multiple apps. Bring the name of your favorite free app to share with others. Session ID: <b>566</b>   Location: <b>Governor's South</b></p> <p><b>Technology Done Right: In the Classroom and in the Office</b> Presenter: Aaron Long A modeling of best practices in implementing technology</p>		<p><b>Intersections of Math and Literacy: Heuristic Patterns</b> Presenter: Debbie Muthersbaugh Integration between subjects is essential for deep understanding, but what heuristic strategies are available to join math and literacy? This presentation offers children's literature options in math and language linked to memorable hands-on activities. Session ID: <b>530</b>   Location: <b>Canal C</b></p> <p><b>Leading Mathematical Discussions</b> Presenter: Anna Adkins A hands-on workshop for K-8 teachers to develop the ability to assess student understanding of mathematical concepts using classroom discussion. Session ID: <b>532</b>   Location: <b>Canal A</b></p> <p><b>Closing the Achievement Gap and Raising Math Scores by Increasing the Emotional Quotient (EQ).</b> Presenter: Freddy Fuentes Teachers, by learning how to increase their Emotional Intelligence, can reduce math phobia and math apathy in the classroom and therefore increase students' mathematical achievement.</p>	

Science & Health	Technology	Engineering & STEM	Math	Service Learning
	<p>in the classroom and the office. Not just cool ideas, but systems and how-to's. Get access to custom forms, links, and resources that help drive the systems. Learn where to start, what tools to use, and how to get support!            Session ID: <b>569</b>   Location: <b>Governor's Chamber E</b></p> <p><b>Harnessing the Power of the iPad in the Classroom</b>            Presenter: Pegi Flynt            With brilliant graphics and multi-touch interface, touch devices like the iPad are proven to provide a wealth of possibilities in the classroom. This session will share a treasure trove of educational applications for the classroom that can be used to plan and conduct interactive instructional activities that promote critical thinking.            Session ID: <b>570</b>   Location: <b>Governor's Chamber C</b></p> <p><b>Blended Learning—Expanding the Classroom Walls Using Edmodo Technology</b>            Presenter: Ray Leftridge            Edmodo provides teachers and students a secure place to connect and collaborate, share content and educational applications, and access homework, grades, class discussions and</p>		<p>Session ID: <b>544</b>   Location: <b>Hermitage E</b></p> <p><b>What is the Best Predictor for Wins? A Statistics Activity</b>            Presenter: Jonathan Engelman            During this session, attendees will engage in a statistics activity centered around baseball and how to best predict wins. The activity is designed as a unit capstone project that combines bivariate data analysis with the excitement of the World Series.            Session ID: <b>546</b>   Location: <b>Belle Meade A</b></p>	

Science & Health	Technology	Engineering & STEM	Math	Service Learning
	<p>notifications. This workshop will provide practical lessons on how to use the Edmodo platform to provide blended learning across the curriculum.            Session ID: <b>572</b>   Location: <b>Governor's Chamber D</b></p> <p><b>iPads - From Idea to Reality in Your School</b>            Presenter: Phil Wilhelm            Find out what is involved in getting a 1-1 iPad program started at your school. Topics include budgeting, leases, deployment, infrastructure, and IT needs. If you are considering adopting iPads, this presentation should be attended by your principal, treasurer, and IT personnel.            Session ID: <b>573</b>   Location: <b>Ryman Studio R</b></p>			

Science & Health	Technology	Engineering & STEM	Math	MFL & Service Learning
<b>Breakout Session 600 - Wednesday, August 8 - 9:45 - 11 am</b>				
<p><b>Investigations in Physical Science</b>  Presenter: Dan Wyrick  Experience a variety of stimulating hands-on activities focusing on physical science. These labs are designed to assist students to learn important physical science concepts, as well as give them opportunity to experience the process of science. Workshop participants will take away several classroom-ready labs.  Session ID: <b>623</b>   Location: <b>Lincoln D</b></p> <p><b>Every Teacher a Nature Teacher</b>  Presenter: Robert Egbert  This is a hands-on workshop that will provide strategies, methods, resources, activities and tools for using nature as the classroom. Teach by doing. It will help the teacher connect students to their creator through the study of nature. This is natural science at its best.  Session ID: <b>661</b>   Location: <b>Ryman Studio R</b></p>	<p><b>Teaching Literacy and Creativity with Electronic Bible Felts (eFelts.com)</b>  Presenter: Rudy Scott  Nurture your students' creativity while teaching literacy with this new online tool for biblical story telling developed with literacy expert, Dr. Tamara Randolph. Attendees will learn to create online Bible adventures and receive a free trial subscription and sample lesson plan. Bible felts go high tech at eFelts.com.  Session ID: <b>615</b>   Location: <b>Lincoln A</b></p> <p><b>Elementary Music: Skype and the Laundry Room Studio</b>  Presenter: Carol Swinyar  Christiana Rennard, the teacher in a one-room school in Mississippi, didn't feel confident teaching music. Carol Swinyar, an experienced music educator, lived 239 miles away. Hear how they managed a long-distance partnership to provide music education for the students. They will also share materials and discuss options available to attendees.  Session ID: <b>632</b>   Location: <b>Bayou D</b></p>		<p><b>Get the Big Picture about Big Ideas Math</b>  Come for the snapshot tour of the Big Ideas Math Common Core Program for your 6-8 grade students. Big Ideas Learning will describe all the Big Ideas materials and how they will create enthusiasm, excitement and deeper understanding of mathematics for students. The album includes activities, Laurie's Notes, cutting-edge technology and more.  Session ID: <b>620/621</b>   Location: <b>Governor's A / Ryman Studio F/G</b></p> <p><b>Middle School Math: The Critical Transition from Arithmetic to Algebra</b>  Presenter: Thomas Clark  This informative and entertaining session will explore the reasons behind the difficulty in transitioning from arithmetic to algebra. Numerous topics will be discussed (determined by the audience), and will include examples of the change in thinking that must occur for students to be successful in high school math courses.  Session ID: <b>625</b>   Location: <b>Canal E</b></p>	<p><b>Service Learning: Connecting Content to Community</b>  Presenter: Shelley Bacon  Learn the nuts and bolts for implementing service-learning. Participants learn how to answer the ""Why do we need to learn this?"" questions that students ask by creating a service learning unit for the coming school year. Bring your hand-held devices with you to this session!  Session ID: <b>682</b>   Location: <b>Tennessee A</b></p>

Science & Health	Technology	Engineering & STEM	Math	MFL & Service Learning
	<p><b>Smartphones in My Classroom, Works For Me</b>  Presenter: Warren Dale  Handheld Personal Learning Devices (PLD) have invaded our classrooms. Bring your smart phone as we explore how to ignite curiosity, creativity and 21st century learning. This is a beginning session for secondary teachers in all disciplines. The focus will be how to plan, manage, and evaluate projects using these devices.  Session ID: <b>668</b>   Location: <b>Governor's Chamber A</b></p> <p><b>The Stories of Teachers Who Transformed their Classrooms using Technology</b>  Presenter: Ru-Zelda Severin  This is the story of two teachers—teaching math and music/education—who changed the way they taught using technology. Discussion will revolve around the process used and the products developed. It will be an exciting glimpse of what a 21st century classroom could look like in action.  Session ID: <b>669</b>   Location: <b>Governor's Chamber B</b></p> <p><b>What We Can Learn from Video Games: Classroom Application</b>  Presenter: Michael England</p>		<p><b>Math: Let's Solve the Problem!</b>  Presenter: Sandra Doran  This engaging presentation will introduce you to big ideas and small changes that will transform the way you teach math and help raise student scores. Discover simple techniques you can use in your classroom tomorrow!  Session ID: <b>628</b>   Location: <b>Canal A</b></p> <p><b>Celebrating a Mathematical Holiday</b>  Presenter: Michelle Weikum  Around the world, March 14 is recognized as pi day. This presentation will introduce participants to activities they can use in their classrooms to make the most of this special day and to liven up mathematics in general. Appropriate for grades 5 and up.  Session ID: <b>638</b>   Location: <b>Cheekwood D</b></p> <p><b>SHOPTALK: Secondary Mathematics</b>  Session ID: <b>650</b>   Location: <b>Cheekwood A</b></p>	



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	<p>We need to understand how game players develop effective social practices and skills in navigating complex systems, and how those skills can support learning in other complex domains. The motivation to persevere is the brain seeking another surge of dopamine—the fuel of intrinsic reinforcement. Session ID: <b>670</b>   Location: <b>Presidential Chamber A</b></p> <p><b>The T.I.E. Project - 20 Years of Technology Education Success</b> Presenter: JAY LINTHICUM Since 1990, high academic achieving students, parents, medical, dentistry, and engineering school deans have acclaimed Loma Linda Academy's unique four-year Technology Integrated Education (T.I.E.) program. Session ID: <b>671</b>   Location: <b>Governor's Chamber C</b></p> <p><b>How to Use Twitter as Your Personal Learning Network</b> Presenter: Ray Leftridge Have you joined Twitter yet? Twitter is an excellent way to start building your Personal Learning Network (PLN). In this workshop we will cover the basics of using Twitter as a component of your PLN, and share some resources and tips for using it to</p>			

Science & Health	Technology	Engineering & STEM	Math	MFL & Service Learning
	maximize learning and communication. Session ID: <b>673</b>   Location: <b>Governor's Chamber E</b>			

## Teaching, Learning, & the Learning Environment

Highlighted samples of the many wonderful sessions on these Teaching, Learning, and the Learning Environment.

### Scheming With Schema

Presenter: Kathy Bollinger

Often students' prior knowledge is not adequate to make connections needed in learning content. Psychologists maintain that learning new information depends on relating the new to something already known. This seminar stresses the importance of prior knowledge.

Session ID: **179** | Location: **Presidential Boardroom A**

### Partnering With Our K-12 Colleagues

Presenter: Randal Wisbey

How can Adventist colleges and universities facilitate a successful transition into college life for academy students? This discussion will focus on ways higher ed would like to participate with K-12 educators to create better collaboration for student achievement.

Session ID: **188** | Location: **Washington B**

### Neuroeducation: Lessons from Neuroscience for Teaching and Learning

Presenter: Linda Caviness

This session provides an overview of how the brain processes information and how that process fits into a model for teaching and learning. Use of this model allows teachers to self-assess to ensure balance in honoring active/passive processing, skills development/creative expression, differentiated instruction, whole-person nurture.

Session ID: **256** | Location: **Ryman C**

### The Power of the Learning Environment

Presenter: Breeyn Mack

The learning environment includes the use and organization of your classroom and outdoor space, the structure you provide each day, and the plans you develop. Teachers will learn to optimize the learning environment to let children know what is expected, encourage exploration of new concepts, and help them feel comfortable and valued.

Session ID: **305** | Location: **Presidential Boardroom A**

### Effective Teaching in a Multi-grade Classroom

Presenter: Norris M. Ncube

This presentation aims to explore teaching strategies in a multi-grade classroom. Educators will participate in simulations of the multi-grade classroom experience. The exercise will encourage teachers to be creative and confident as they face their multi-grade classrooms. The presentation will also contain research-based findings about multi-grade teaching.

Session ID: **329** | Location: **Bayou E**

### Heart-Brain Connections and Resilience in the Classroom

Presenter: Linda Caviness

This session reports on recent research in the area of social and emotional intelligence. Specifically, heart-brain connections and neurochemical transfer among people are considered. Implications include: teacher expectations and student success, effects of bullying and other high-stress events, test apprehension, and resilience in the classroom.

Session ID: **460** | Location: **Ryman F**

### Using Technology to Differentiate Instruction and Promote Teacher Collaboration

Presenter: Michael McCarthy

Technology is changing the way people learn and is a powerful tool for accessing and sharing innovative instructional ideas. This session introduces a web-based system that offers a simple 4-step model for lesson design, along with tools for collaborating and sharing high impact instruction with SDA teachers throughout the country.

Session ID: **471** | Location: **Governor's Chamber E**

### An Adventist Approach to Cognitive Science

Presenter: Karl Bailey

Cognitive science, the study of the mind, brain, and thinking, is the basis for evidence-based teaching practices. However, popularization of cognitive science can sometimes introduce ideas that hamper student learning and undermine Adventist educational philosophy. This talk will provide Adventist educators with principles for using cognitive science and brain-based learning.

Session ID: **483** | Location: **Presidential C**

### Healthy, Happy Teachers

Presenter: Matthew White

Teachers have demanding, multi-faceted jobs, but they can still be healthy, happy people. Apply these simple, practical methods for a more balanced life.

Session ID: **485** | Location: **Tennessee B**

### Eight Categories of Developmental Assets for Student Success

Presenter: Lorraine Stiggers

There are 40 qualities and relationships of healthy building blocks all kids need to succeed. They will be presented in eight categories reflecting youth from K-12; fascinating researched based identifiers. ...the work of true education...train the youth to be thinkers and not mere reflectors of other men's thought.

(Education, pg. 17, Ellen G. White)

Session ID: **508** | Location: **Lincoln E**

### Mindful Teaching for Brain Compatibility

Presenter: Gene Brewer

Unravel the mystery of subject matter organization so students can learn it more efficiently and effectively. Students who practice being more thoughtful about their schoolwork become more efficient learners and increase their capacity to learn additional material. This technique guides students through a specific way the brain frames new material as it learns.

Session ID: **552** | Location: **Lincoln B**

### 21st Century Learning . . . How is it different? How and what must we teach?

Presenter: Thambi Thomas

Much of what we do, with the exception of introducing computers in the classroom, is entrenched in the 20th Century. The presentation will explore the

similarities and differences in how the student in the 21st Century learns and the specific skills we must teach to help students succeed in the world of work.  
Session ID: **636** | Location: **Cheekwood G**

### **Education Delivery Options for the 21st Century**

Presenter: William Green

The primary question addressed in this interactive presentation is what needs to change in the delivery of Adventist education for it to become or remain a viable institution. What are the projections about what is going to happen in the near future regarding education delivery options?

Session ID: **656** | Location: **Ryman Studio N**

### **Leading from the Heart**

Presenter: L. Roo McKenzie

The world values money, power, and status; God values humility, compassion, and transparency. Many leaders' behavior demonstrates that their values are the world's. Leading from the heart is not a demonstration of power and expertise, but a state of sincere and continuous openness to God, and a settled commitment to do His will.

Session ID: **693** | Location: **Ryman E**

### **EXSEED**

<http://www.llu.edu/exseed>

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