Ignite Innovative Education Summit
Workshops

NASA and U.S. Space & Rocket Center® educators will be adding to this workshop list soon. Come back regularly to learn about new workshops. You will be able to choose your workshops beginning in mid-May.

Building Skills for Life
Presenter(s): Panel discussion
True 21st century learning ensures students are ready for any future challenge. What does it look like and what does it take? Hear from a panel of Partnership for 21st Century Learning Exemplar Schools where life and career readiness takes center stage.

Building Teamwork and Communication Skills Through Non-Competitive Group Games
Presenter(s): Stephanie Maze-Hsu
In this hands-on, lively workshop, participants will engage in a variety of non-competitive large and small group games. Some games are geared towards teaching players more about others or themselves, some have an academic flair (learning about strong verbs or adjectives, for instance) and some are perfect for starting or ending a classroom day or Destination Imagination meeting in a way that promotes community. In between playing, we will discuss how these games teach children essential communication and team building skills. The games are also wonderful for teachers and DI Team Managers to use as behavior management tools or ways of re-focusing children who need a break. We will explore ways of incorporating them into regular classrooms and DI meetings. Come dressed comfortably and prepared to laugh and play with others!

Creative Learning for ALL Students
Presenter(s): Mary Chamberlin
Many of society's brightest minds go untapped because the opportunity to spark creativity and innovation is never lit. This session will share the success of Destination Imagination Michigan with implementing Destination Imagination programming for Special Education students. This student-focused session will share how to encourage Special Education teachers and parents to get their special learners involved with DI, both as an in-class complement to N2Y Special Ed Standards and Common Core Curriculum, and as an after-school enrichment program inclusive of all learners.

Design Thinking and Rapid PBL Development
Presenter(s): Carrie Taylor
Why just ask students to try to solve rapid project-based learning challenges (also known as Instant Challenges in Destination Imagination)? Why not ask them to write them, test them, evaluate the results and update them? Students of all skill levels (both special education and regular education) were asked to create Rapid PBL Challenges to help them develop design thinking, project planning and data analysis skills. Examples of the work done by students will be shown during the presentation and participants will be given the opportunity to test some of the developed Rapid PBL Challenges themselves.

Designing the Future of Education from the Inside Out
Presenter(s): Robert Tipton
There’s a common misconception today: large-scale changes (organizational, institutional, governmental) in our approaches to teaching our kids will happen when we perform the right research, give the right facts, and then
set-up extensive performance management systems to track and report on results. In other words, if we give people enough data, and “look over their shoulders” to get them to perform, change happens. That’s completely backward. However, it's also the popular, safe, predictable choice. Our kids are falling farther behind the curve each year and our system is getting more and more out of date. Education needs an institutional transformation! How might we do that?

**Destination Imagination & Community Capacity Building: A Grassroots Perspective**

**Presenter(s): Kahir Lalji**

This interactive breakout session will provide a conceptual understanding of “building community” and hone in on the importance of Destination Imagination as a vehicle for building capacity particularly among vulnerable children and their families. It will also highlight effective case studies as examples of engaging with Aboriginal populations, low-income families, new immigrants and LGBTQ and Adoptive familieschildren and families who traditionally have not been a part of mainstream, non-profit/after-school programming. The presenter will showcase the non-profit sector as a foundation for utilizing these capacity building skills. He will identify effective and proven strategies around using grassroots, community based organizations (Boys and Girls Clubs, Neighbourhood Houses, Community Centres) as places of introducing DI as part of programming for underserved children and families.

**DI in the D: Detroit Public Schools Destination Imagination Participation Case Study**

**Presenter(s): Ted Grossnickle**

The students who could benefit from Destination Imagination (and other enrichment programs) the most are often the hardest to reach. This session will share the journey that Destination Imagination Michigan has taken to get Detroit Public Schools (DPS) involved in DI. Strategies to help your Affiliate gain DI interest in city school districts and techniques for embracing and empowering urban schools will be shared. This session will walk you through the process of how DPS implemented DI as a fully-funded enrichment offering in partnership with Destination Imagination Michigan and MI Stem Partnership.

**Digital Tools for Learning**

**Presenter(s): Panel discussion**

How can digital tools enhance learning opportunities for students? Learn from this panel of Partnership for 21st Century Learning Exemplar Schools where master educators share their best practices in using digital tools to connect students globally, enhance collaboration, and make 21st century learning a reality.

**Education as a Performance Art: Hooking Your Kids and Reeling Them In**

**Presenter(s): Susie Balagna & Mary Ann Goff**

What do magicians, performers, teachers and DI Team Managers all have in common? They have a bag of tricks they use to grab their audience's attention and get them excited about their presentations. As teachers, we are the symbol of what we teach, and it is our enthusiasm in the classroom that hooks our kids on the subject and gets them excited about learning. Ray Teller, the magician and silent partner of Penn and Teller, said this about education in Atlantic Monthly, "If you don't have both astonishment and content, you have either a technical exercise or you have a lecture." In this workshop, we help you access your performance skills and enthusiasm in order to convey both astonishment and content to your students.

**Engaging Destination Imagination Alumni**

**Presenter(s): Alumni Ambassador Council**

Alumni are vital to the sustainability of an Affiliate. Come hear how the Destination Imagination Alumni Ambassador Council is working to find, retain, and engage Destination Imagination alumni.

**Getting the Attention your Destination Imagination Program Deserves**

**Presenter(s): Annette Rogers**

From education conferences to STEAM nights at school to Maker Faires, there are so many opportunities for DI Affiliates and volunteers to get the word out. This workshop will outline the methods and activities that have
proven the most effective in attracting new schools, teachers, students, and parents to the Destination Imagination program.

**Globally Connected Classroom**

**Presenter(s):** Jed Dearybery

The world is shrinking every day thanks to the amazing technology we have through Skype and other free global connection tools. The learning experiences that are available to your students through these tools are endless. If you are interested in starting with the basics of Mystery Skype, advancing forward with classroom partnerships, or digging deeper with global collaboration projects, this session is for you. A bad Skype call is better than a good worksheet any day! Join me in this session to bring the world to your classroom.

**Hands on, Brains on! Classroom Technology Tools You Can Use in Your Classroom Tomorrow!**

**Presenter(s):** Ian Belanger

This fun, fast-paced session is a first look at the latest, most exciting apps, gadgets and tools in education technology. Your device will be encouraged to be out so you can try out these ways to easily implement electronic devices and tools in your classroom. Anyone who has at least one device in their classroom and wants to better use technology to engage students in learning is encouraged to attend. Most apps will be great for all grade levels and subject areas.

**Integrating STEM and Literacy via ‘Through My Window’**

**Presenter(s):** Beth McGinnis & Isabel Huff

Attendees will learn about a free, NSF-funded, idea-centered engineering curriculum called Through My Window. A perfect integration of reading/literacy and STEM, Through My Window includes the mystery novel, “Talk to Me,” that introduces engineering concepts like design and artificial intelligence; online, interactive, narrative-based engineering "learning adventures" (modules); and an educator guide with enrichment activities. Through My Window is designed to engender STEM identity for children and young teens in grades 4-8—particularly those traditionally outside the STEM pipeline. Workshop participants will leave ready to implement Through My Window with resources, tools, and information about educator support and free customized lesson plans.

**Integrating the Arts to Ignite the Creative Genius in Each Child**

**Presenter(s):** Emily Lopez

Looking for new ideas on how to inspire students? Thinking about ways to integrate more movement and creativity into your daily classroom life? Join us to learn and practice some new ways to integrate multiple art forms and core standards to awaken the creative juices in your students. Participants in this session will experience at least four activities, discuss ways to extend their practice in the classroom, and reflect on the type of learner each of these experiences will engage.

**Jane Goodall’s Roots & Shoots**

**Presenter(s):** Stephanie Keller

“Every individual makes a difference each and every day,” says Dr. Jane Goodall, founder of the Jane Goodall Institute and UN Messenger of Peace, “It’s up to us what kind of difference we’re going to make.” Through Jane Goodall’s Roots & Shoots, the Jane Goodall Institute’s global environmental and humanitarian youth program, students learn how, through exploration of their local environment, they can discover exactly what kind of difference their community needs.

This workshop will provide an overview of the Roots & Shoots 4-Step Process and how it connects students to STEM learning as well as to the Institute’s work on-the-ground in Africa, using resources such as flipped learning and GIS mapping. Participants will leave with the tools, resources and confidence they need to replicate this process with their students.

**Learning Globally - What Does it Take?**
Preparing students for global challenges is no easy task, but these Partnership for 21st Century Learning Exemplar Schools have figured out how to do it using strong partnerships and turning everyday lessons into opportunities to connect students to a global community.

Learning the Creative Process Using Rapid PBL Challenges (AKA Instant Challenges)
Presenter(s): Alison Elizabeth Gould & Manoel
There is more to creative thinking than just brainstorming and working quickly! This workshop focuses on teaching individual pieces of the creative process in a specific way that enables the kids to see them as individual steps and calmly work through ways to deal with their process, before putting it all together at the end for a fun filled challenge-based learning experience. Working with each step as an individual piece while learning how to tackle a challenge helps the kids organize their thinking to work more efficiently and effectively at solving the challenge.

Learning Through Work: Getting Students Workplace Ready
Presenter(s): Panel discussion
Preparing students for the future of work starts with hands on learning and community partnerships at Partnership for 21st Century Learning Exemplar Schools. Learn about best practices in early career exploration where students connect to professionals in the field, have numerous opportunities to explore real careers, and unleash creativity to make an impact for lifelong learning.

Let It Go: Constructing a Student-Centered Learning Environment
Presenter(s): Jodi Zeis
As teachers move to a student centered learning environment, they often fear letting go of classroom control. This session provides participants a way to establish a culture of inquiry, collaboration, and purposeful learning driven by students, without relinquishing control of the content taught. Throughout the workshop, participants will engage in authentic activities and explore purposeful curricular connections to technology. Along the journey, participants will discover ways to connect STEM-Mindedness skills into curricular activities in order to better prepare students for the world beyond the classroom walls. We will also cover ways to assess student driven learning. Participants should bring and electronic device if available. By the end of the session, participants will identify how to develop Student Centered Activities, identify the purpose of Student Centered Activities, and engage in authentic learning examples. So take a deep breath and take that leap!

Looking for a Solution to Help You and Your Students Manage Classroom Projects Better?
Presenter(s): Diane Fromm & Chonnie Blair
The solution is here: project management skills and tools. Whether you teach using a project-based learning or other approaches, class projects can be a powerful learning method. Students can learn so much from leading and managing their own projects with guidance and support of teachers familiar with the common principles and practices of successful project management. During this hands-on, interactive session you will learn: the connections between project management and STEM as a way to build career and college ready students; understand the value that project management adds to project-based learning; where to find high value, no or low cost resources and training in managing learning projects.

Mad Science: Making STEM Edu-taining!
Presenter(s): Kylie Koscoe
Join Mad Science in learning how to incorporate STEM in your classroom on a daily basis! Mad Science is on a mission to spark the imagination of children everywhere with exciting, live, and interactive programs that instill a clear understanding of what science is really about, and how it affects the world around us. Chief Mad Scientist Kylie Koscoe will show you how to make Science fun and hands-on for your students, using easy to find materials and everyday Science concepts. Learn more at CFL.MadScience.org

Managing STEM in the Classroom
Presenter(s): Alice Gilchrist
Classroom management is a full time job; however, including hands-on investigations can really get out of “hand”! How do you manage excited students, multiple materials, student learning, collaboration and time on task in STEM classrooms? Do room arrangement, clear expectations and respect of others have a part in classroom management? Enhance your toolbox with tips and tricks that will make your classroom a reputable place of learning and accountability. Participants will engage in reading, writing and dialogue as they are introduced to strategies that involve students in the learning process. Organizational tips for physical arrangement of the classroom and cooperative learning groups will be explored. Successful tricks of the trade will be shared by all. Oh, and screaming will occur!

Marketing to Educators, Administrators & School Districts
Presenter(s): Kelly Woodard
There are unique opportunities and challenges faced when marketing to educators, administrative stakeholders and school districts. Come and hear from an educator and Destination Imagination Affiliate Growth Director on bringing the DI program to districts by showing how it supports students, teachers and the learning community. We will look at and discuss key marketing points that are unique to the education field that may help to solidify sustainable teams and expand your reach beyond individual teams to blocks of teams from schools!

Next Level Assessment - Assessing What Matters
Presenter(s): Panel discussion
In an age where data is king, it’s hard to know how to effectively assess what matters. The leaders of these Exemplar schools will share their best practices, creativity and critical thinking rubrics, and more in this session.

PBL and Gifted Students
Presenter(s): Panel discussion
Though we know that project-based learning is for any child, we also know that there are specific social and emotional needs of gifted students that are served by providing student-directed projects. Using the Destination Imagination program as an example, this panel will discuss the benefits of PBL for gifted students and share some of the success stories.

Project-Based Learning
Presenter(s): Panel discussion
Star practitioners from Partnership for 21st Century Learning Exemplar Schools show how embedding PBL can turn traditional instruction on its head, raising student engagement and outcomes, building collaborative partnerships inside and outside the school walls, and making learning relevant and meaningful.

Project-Based Learning and Character Development
Presenter(s): Susan Picard
The magical part of the project-based Destination Imagination system of learning is only partly in the courage, curiosity and 21st century skills that it fosters. In my evolution as a teacher and DI Team Manager, the real magic I have observed is in the opportunity it offers for authentic character education. What is innovation without compassion? What is perseverance without flexibility? What is commitment without unity? In this presentation, I will share how I have partnered the Destination Imagination Challenges with the language of The Virtues Project to provide an affective curriculum that empowers team members to recognize and foster the gifts of character in one another.

Setting Kids Up for Lasting Success by Prioritizing Social Emotional Health
Presenter(s): Momentous Institute
What do we know for sure? That trauma, abuse and toxic stress interrupt a child’s ability to learn and develop healthy relationships. What else do we know for sure? That social emotional health acts as a buffer to toxic stress and prepares kids for academic achievement and lifelong success. The research is solid on these facts, but the findings haven’t translated into consistent practices in our schools, daycares or even in our families. Graduates from Momentous School (an elementary lab school in Dallas, TX) finish high school at a rate of 99%.
Eighty-six percent enroll in higher education and 87% of those students persist to their sophomore year. Using the Momentous Institute model for developing Social Emotional Health, this session will provide participants with a variety of tried-and-true activities, resources and mindsets that are trauma-informed and easily implemented in the classroom and in the home.

**The Secret Sauce to Professional Development Done Right**
Presenter(s): Panel discussion
What are the most powerful learning practices to educator professional development for 21st century learning? Find out what Partnership for 21st Century Learning Exemplar Schools have done to make professional development engaging, collaborative, and effective.

**The Virtual Reality Classroom**
Presenter(s): ViziTech
Come learn about augmented reality! We will bring virtual reality demo machines to engage the participants with how virtual and augmented reality are completely changing the classrooms of tomorrow. Students will be able to manipulate images and virtually interact with biological images, as well as robotic, in a 3D Virtual environment.