



**GLOBAL INNOVATION FIELD TRIP  
PRESENTATION SCHEDULE 10/11 JULY 2021**

[URL to give your presentation](https://us02web.zoom.us/j/89258581951)  
<https://us02web.zoom.us/j/89258581951>

[URL to watch live on YouTube](https://www.youtube.com/c/GlobalInnovationFieldTrip/)  
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UTC-4 NEW YORK USA TIME	LENGTH minutes	COUNTRY	CITY or STATE	PRESENTER LOCAL TIME	DAY	PRESENTER NAME	ORGANIZATION OR GRADE	INTRODUCTION	PRESENTATION TITLE	DESCRIPTION
Saturday 12:00 PM	10	<b>GIFT OPENING REMARKS</b>		12:00 PM	Saturday 10 July	Juli Shively & others		GIFT Opening Remarks		
12:15 PM	10	Ghana	Suame-Kumasi	4:15 PM	Saturday	Lord Christus Boateng		Lord Christus Boateng is an amazing 17 year old, who has designed and invented a wide variety of devices and systems to make people's lives safer and easier.	"DCD" Diet Cooling Device	The demonstration and explanation of this incredible system to help people stay healthy, safe and happy.
12:30 PM	20	United States	Connecticut	12:30 PM	Saturday	Megan Jacobs; Tim Hotchkiss	Connecticut MakerSpace Teacher Consortium	Megan is the Math Interventionist at Union Elementary School in Connecticut. She's written for Edutopia about hands-on STEM, and founded a MakerSpace Consortium. Tim is a phenomenal middle school science teacher in Pomfret, CT. He excels at tackling new challenges with his students. They're both thrilled to return to GIFT!	Smashing the Silos: Embracing Opportunities to Thread STEM Across the Curriculum	Let's smash the silos! Traditional classrooms can get caught up in keeping subject areas strictly separate- that's not how the world actually works, and it's not what's best for student's brains in terms of retention, interest, and engagement! Come for great ideas about how to celebrate interconnected learning!
1:00 PM	20	United States	Washington State	10:00 AM	Saturday	Nirbhuy		Nirbhuy is a 6 year old entering first grade. Innovation and sketching are his main passion. He loves to learn new technology and loves electronics, programming. Besides he loves to observe the mechanics of any working component and visualizes designs through engineering perspective.	Rethinking Scooty Brush	In July 2020, when I was a kindergartner I came up with the idea of Scooty brush. GIFT encouraged me to challenge myself more and try automated scooty brush. This presentation will explain the various step that I have worked so far towards automated scooty brush.
1:30 PM	10	India	Haryana	11:00 PM	Saturday	Jiya Nagpal	MD Innovator	I am Jiya Nagpal, Grade-5 student. I am very creative. I Love to do colorful things. I am an Android App developer, Web developer, Arduino Circuit programmer, Microbit Circuit programmer and 3D Designer.	Line follower car using microbit, My Website and Types of Energy App	Line follower car using microbit, My Website (jiyanagpal.atwebpages.com) and Types of Energy Android App
1:45 PM	10	United States	Florida	1:45 PM	Saturday	Matias Aviñó	YTeach	Matias Aviñó is the founder of YTeach, a peer to peer tutoring and scheduling app that creates a network within schools.	From an Idea to YTeach	I came up with the idea of YTeach because I saw that kids just like me always have questions but don't know who to ask. The answer was to develop an app where students can get out of class and find someone who can help answer those questions.
2:00 PM	10	United States	Florida	1:00 PM	Saturday	Paizly Torres		Paizly Torres a 13 year old from Panama City Florida and she made Water Buddy	Water Buddy	Water Buddy is a flotation device designed to help disabled people float with keeping them safe and upward at all times.
2:15 PM	10	United States	Texas	1:15 PM	Saturday	Paisley Elliott - VIDEO	Paisley's Pals	Paisley Elliott- tiny but mighty humanitarian determined to change the world. I'm the a founder and Chief ideas office of Paisley's pals- a non profit focused on creating a crew of changemaker and peacemakers - ready to lead the way to a sustainable future.	The SHINE box	The SHINE box is a pop up STEM lab and mobile classroom that allows access to quality education even in remote corners of the planet. The fun STEM based lessons encourage learning about the SDG's and promote hands on learning.
2:30 PM	25	Canada	Ontario	2:30 PM	Saturday	Arushi Nath	HotPopRobot	Arushi is a Grade 6 student. She loves taking up projects related to space, robotics and programming. Her latest passion is asteroids, especially near earth asteroids that intersect with the orbit of Earth around the sun. She is exploring new ways on how the next generation can strengthen planetary defense.	Simulating Hypothetical Asteroid Impact Scenario and Learnings from the 2021 Planetary Defense Conference	Dinosaurs become extinct because they did not have a planetary defense program. Are humans better? What we do if a Near Earth Object was found to be on a collision course with Earth? I will present some hypothetical impact scenarios and how kinetic impactors can be used to deflect asteroids.
3:00 PM	25	United States	Alaska	11:00 AM	Saturday	Kathryn Haber	TRUST Climate Action Strategists	Kat Haber has been described as a bad ass climate activator. She founded TRUST Climate Action Strategists, walked across the USA in the Great March for Climate Action, hosted a series of online conversation pause...COUNTDOWN: COVID Clues, Climate Acts. Local Impacts, and presented LIVING BRIGHTLY, 3 day climate activation.	Turn your carbon footprint into a climate blueprint.	We'll calculate our personal carbon footprints and suggest a wide range of solutions: climate values, coaching habit change, and ACE- Accountability, Community, Enhanced Opportunity. We'll find macro clarity, micro integrity. Go from dead black energizing to responding with life's blue green solutions.

3:30 PM	25	Mexico	Michoacan	2:30 PM	Saturday	Eunice Juárez García; Fernando Olvera Echeverría	Instituto de Estudios Superiores de Monterrey, campus Morelia	We are engineering students about to enter their second year. We study in the ITESM, on the campus located in the city of Morelia, in the state of Michoacan. Our goal as students is to support our Morelia community with the knowledge learned in our careers.	Low-cost traffic light for schools	During our presentation, we will explain the origin, operation, composition and, purpose of our traffic light. As well as what motivated us to develop this project, which will be low cost so that it is accessible to public schools.
4:00 PM	10	United States	Illinois	3:00 PM	Saturday	Florian Halimi; Dorian Halimi		As the one of the top 10 winners on Invention Challenge Competition	Green Utility Pole	How to create Green Energy with minimum cost
4:15 PM	10	Mexico	Guanajuato	3:15 PM	Saturday	Aziel Medina Melecio	Tec de Monterrey	Aziel is a Mexican student of Digital Systems and Robotics Engineering. A few months ago she started sharing content about robotic, electronic and programming topics on Tiktok digital platform. Today she has a community of more than half a million subscribers.	Robots for everyone	First I'll talk about my career, about how I decided to start sharing content about robotic on social media. Then I'll talk about my job as a content creator with technology brands. Finally, I'll talk about the scope that robotic can have if you share it
4:30 PM	25	Argentina	Buenos Aires	5:30 PM	Saturday	Daniel Di Guglielmo	AZTECA	Daniel Di Guglielmo . Director and Teacher of educational robotics and electronics at AZTECA Institute.	CNC MACHINE Recycling electronic materials . Using recycled materials in classroom projects..	CNC MACHINE. In my last presentation I showed some experiences in unassembling a printer. This time you will see a nice project to be built with recovered parts from printer , CD drives and more. You will see parts used in this project, and why and how they were chosen.
5:00 PM	25	United States	New York	5:00 PM	Saturday	Liz Gallo	WhyMaker	Liz is a passionate STEM educator working with teachers and schools around through her company WhyMaker to world to bring STEM & Maker Ed to all students. She has taught all ages of students technology and engineering education and have done so many different projects with all sorts of kids.	Cooler STEM toys!	Learn about some awesome STEM tools that you can use by yourself or with your classes. Robots and microcontrollers and sewing projects and more. Everything will help you understand STEM as more than just the tools. We will talk about some careers in STEM that use tools just like these.
5:30 PM	10	United States	California	2:30 PM	Saturday	Michele Munson		Dr. Michele Munson, Creator of the Connecticut Invention Convention, coordinator of The Young Inventors' and Creators' Program, and Innovations Across Generations Program.	Innovations Across Generations	Description of a program that had was a collaboration between a school district and a corporation that had current, and retired inventors of the corporation and middle school students working together to create inventions.
5:45 PM	10	United States	Ohio	5:45 PM	Saturday	Avery Robinson	World Creativity & Innovation Week/Day	We are World Creativity & Innovation Week/Day, an organization that aims to promote creativity all around the world. Today we will be sharing a little bit about us, our 2021 celebration wrap-up, and our exciting plans for the future.	World Creativity & Innovation Week/Day 2021	A general overview of what WCIW's 2021 year looked like ... including a brief history, our international board, celebrations, future, and how you can get involved.
6:00 PM	10	United States	Florida	5:00 PM	Saturday	Natalie Latham		Natalie Latham, rising 8th grader from Florida, looking for ways to improve reptile pet care for all lizard enthusiasts.	RepFile	My presentation is about the RepFile product I have invented and the process I went through for its development.
6:15 PM	30	United States		6:15 PM	Saturday	Carimne Denisco & Richard Maulsby	National Academy of Inventors	Carmine Denisco, President of the United Inventors Association has brought with him a great guest. Richard Maulsby is the Special Assistant for Innovation at the National Academy of Inventors	National Academy of Inventors	The National Academy of Inventors® is a member organization comprising U.S. and international universities, and governmental and non-profit research institutes, with over 4,000 individual inventor members and Fellows spanning more than 250 institutions worldwide. <a href="https://academyofinventors.org/about-nai">https://academyofinventors.org/about-nai</a>
6:45 PM	10							SPECIAL GIFT PRESENTATIONS ON INVENTING AND INNOVATION		
7:00 PM	10	United States		4:00 PM	Saturday	J.D. Houvener	Bold Patents Law Firm	J.D. Houvener loves innovation and supports inventors by helping them research and apply to get patents on their inventions.	To Patent or Not?	An overview of Patent Law 101 basics, a brief introduction to trademarks, copyright, and trade secrets and a deeper dive into the patentability research and diligence that should be done prior to filing for patent protection.
7:15 PM	25	United States	Pennsylvania	7:15 PM	Saturday	Nate Lombardi	The Groovy Projects	Nate Lombardi is the Chief Inspirer of the Groovy Projects, and creator of The Legion of Eccentrics. The Groovy Projects cultivates empathetic global citizens through gaming and the arts. He believes that collaborative storytelling with innovative tech will save humanity.	Gaming and TikTok will save our planet.	Social media, AI and cybernetics are here to stay. We'll change culture with a safe and fun space for people around the world to play and collaborate in the most thrilling way. We're fostering empathy by singing, dancing, building and kicking super villain butt with AR tech. Me to we!



12:00 AM	25	Malaysia	Selangor	12 Noon	Sunday	Tan Xin Yu; Amirah Hannah	Sri KDU Secondary School	Hii!! We are the main committee of The Eco-Schools Programme of Sri KDU. Together, our committee aims to spread awareness on environmental issues among the students of Sri KDU and everyone! Also, our committee is very pleased to be selected as one of the WWF Eco Champions this year!	Plastics in Greenery Wall	The Green Wall is a vertical green wall made up of 1200 potted plants using 1.5L recycled soft drink bottles. This unique project involved the entire school community. Our aim was to create a sustainable green school environment and promote awareness on the on the importance of greener lifestyle
12:30 AM	25	Indonesia	Surabaya, East Java	11:30 AM	Sunday	Feny Maria Kusumatikta, S.E., S.Pd and Yosia Maranatha, S.Pd.	KRYA	Feny Maria Kusumatikta and Yosia Maranatha are the teachers of Dharma Mulya Christian Junior High School Surabaya. They are Physics and English teachers who are also active in facilitating their students in the learning processes through the implementation of Project-Based Learning.	Project - Based Learning for Junior High School Students	Project-Based Learning has been done during the Covid - 19 pandemics by online and virtual meetings. During Project-Based Learning activities, students try to identify the problems around them until they find the solutions. Here, they are experiencing, communicating, and do reflection.
1:00 AM	10	Indonesia	Surabaya, East Java	12 Noon	Sunday	Celine Jessyca Kristianto	KRYA	Celine is currently living in Surabaya, East Java - Indonesia. She is 14 years old. Her hobbies are watching films and listening to music. She is an only child.	Wedhang Jahe AR Project	My presentation is an AR project that explains spices. Indonesia is rich in Spices, but many people don't know about the benefits of spices. So, I will present spices and one example of Spices drink namely Wedhang Jahe or in English is Ginger Hot Drinks.
1:15 AM	10	Indonesia	Surabaya, East Java	12:15 PM	Sunday	Shannon Brilliant Lee Saputra	KRYA	Shannon Brilliant Lee Saputra or commonly called Shannon is a girl from Surabaya which is located on Java Island, Indonesia. She is studying at Dharma Mulya Christian Junior High School Surabaya. Shannon is 13 years old and in her 8th grade. Her hobbies are dancing, editing, and also taking photos.	My Green Project: Microgreen	I'm going to present about My Green Project namely Microgreen. Microgreens are young vegetable greens that are approximately 1-3 inches tall. Why I choose microgreen? because coincidentally at that time many vegetables in Indonesia failed to grow because of high rainfall so I thought to make a micro plant.
1:30 AM	25	Australia	Adelaide	3:00 PM	Sunday	Teresa Janowski	STEM FastTrack	Teresa is the founder and CEO of STEM FASTTRACK. She is passionate about teaching life skills and resilience to students who want to pursue a STEM career. Teresa loves baking and Formula One.	Building your Tribe	Who you know and spend time with, what you listen to and watch all impact your trajectory. Come along and learn how you can create your tribe.
2:00 AM	25	China	Hangzhou	2:00 PM	Sunday	Vera Song	IDE Education	Vera Song is a skilled educator with many years of experience in many different environments.	Educating very young children	Experiences on designing family programs for 3-8 years olds kids.
2:30 AM	10	Singapore		2:30 PM	Sunday	Ashwin Ramesh	Tuning Ninjas	Ashwin Ramesh is a grade 6 student studying in NPS International School, Singapore. Apart from academics, Ashwin loves playing cricket, tennis and online games	My Roblox Games	Presenting a 3D game I designed and built in Roblox
2:45 AM	10	Singapore		2:45 PM	Sunday	Shreyas Kurapati	Turing Ninjas	Hello, I am Shreyas Kurapati and I am 11 years old. I enjoy coding and spend my free time creating exciting designs and surprise my family and friends!	My Python project	I would like to present my Python programming skills on 1) Embedding multiple strings and conditionals 2) drawing/ creating patterns in Python Turtle 3) Strings and operators 4) For and while loops 5) some functions and variables
3:00 AM	120	Indonesia Philippines Cambodia		2:00 PM	Sunday	Carolina Ito Hutaaruk - Indonesia; Lorraine Bonita - Philippines; Arvin Omac - Philippines; Robi Kate Miranda - Philippines; Summ Phann - Cambodia; Jihan Anggie Noviary - Indonesia	KRYA - WorkToLearn	Remote #WorkToLearn program is a social learning program through work experience prepared by Krya for the young generation who is facing the realities of the working environment that is developing today. Remote #Work To Learn program is designed as a learning process through work experience. This program provides an opportunity to young people to recognize the work environment and learn through the process of planning, executing, and evaluating projects.	WorkToLearn Special Program	We will be hosting a 2-hour interactive event, (full of games, talks, and a quiz) that aims to promote Zero Hunger awareness and inter-cultural knowledge among youth.
5:00 AM	25	UAE	Fujairah	1:00 PM	Sunday	Prasanna Vadan Miapuram; Benito John Rose	SwiftAnt FZ LLC	A team that is focused on democratizing the process of Innovation, across the businesses, schools, Globally.	Democratizing the Process of Innovation	Innovation is a must-have & doing it well and at scale requires democratization of the innovation process. The presentation focuses on enabling proactive participation of all minds and thus empowering enterprises, schools to harness and tap Innovation across the enterprise.
5:30 AM	25	Malaysia	Selangor	5:30 PM	Sunday	Yew Jing Shii; Ng Yi Zhi	Sri KDU Secondary School	Hii!! We are the main committee of The Eco-Schools Programme of Sri KDU. Together, our committee aims to spread awareness on environmental issues among the students of Sri KDU and everyone! Also, our committee is very pleased to be selected as one of the WWF Eco Champions this year!	Indoor Vertical Farm	Indoor vertical farming is the practice of growing produce stacked on top of one another in a closed and controlled environment. We believe indoor vertical farming will pave the way of the farming industry for the future and might be the solution to problems such as food production for humanity

6:00 AM	10	India	Maharashtra	3:30 PM	Sunday	Kushal Khemani	India FIRST Robotics	Kushal Khemani is an Author, youtuber, blogger, App developer, golfer, robotics enthusiast and believes in learning new things each day. He likes sharing his knowledge on latest technologies thru his channel and is aspiring to be a young entrepreneur. He has wonderful designing skills.	Projects 2021	Kushal will be sharing the project he is working on.
6:15 AM	20	Romania	Ilfov, Chitila	1:15 PM	Sunday	Bucur Narcis Robert; Ghitulescu Bianca Maria; Paduraru Radu; Procopie Denisa; Toma Vlad Mihai; Popescu Stefan	Green Human Generation Team	Green Human Generation is an ambitious team ready to make changes. They see each other as equal and equally valuable. They like to laugh and find opportunities to bond connections, not just wires to their mechanism. They are a new team ready to make the oceans blue again.	The innovative "Fish Box"	We will show our project, 3D model in Onshape and the prototype we created. We want to explain in detail most of the mechanisms, electronics and special elements of our innovative cleaning system for any ocean or sea, that we call "Fish Box".
6:45 AM	20	Romania	Ilfov, Chitila	1:45 PM	Sunday	Cazacu David Andrei; Dumitra David Ionut; Mardare Alexandru; Micu Ștefan	Revolutionary Kids Team	The Revolutionary Kids Team from Romania is a new team of elementary students created to participate in CRAFT 2021. After winning the Craft 2021, design award, we decided to take our idea to a next level and transpose it into a prototype.	Smart garbage bin	We would like to show our project that includes the CAD 3D design in Onshape, the project book, the prototype. We want to explain how each of the systems that we designed work together to make household waste, plastic, fruits and vegetables management in an apartment.
7:15 AM	40	United States	Ohio	7:15 AM	Saturday	Jim Bruner	PAST Foundation	Jim Bruner is a designer, developer, programmer, scientist, inventor, and farmer. Jim is a passionate supporter Applied STEM & Design Thinking. Jim lives in Columbus Ohio on an Urban farm called Mezzacello where he often invents projects to help him farm.	Martian BioReactor and Food From Waste	The BioReactor is an offshoot of the #ProjectMartian experiments from summer 2020. It is an automated system that collects, processes, and digests compost into fertilizer and growing garden beds that runs on solar power and robots. This presentation is an overview of the project and an update on the progress made so far.
8:00 AM	60	Canada; Chile; India; United States		8 AM GMT-4	Sunday	Kathy Dong; Samyak Shrimali	InventFuture Global	A conversation – and collaborative ideation - featuring young bright minds from around-the-world! In the Teen Panel event, as part of Global Innovation Field Trip (GIFT), a group of youth discuss their personal experiences and innovative ideas in a series of facilitated sessions.	Global Youth lead a collaborative, and interactive, problem-solving experience addressing various issues	The Teen Panelists – inspiring young innovators from Canada, USA, India and Chile – are reconnecting. In this hour, the group will collaboratively problem-identify, and problem-solve, various global issues. This interactive session includes opportunity for the audience to share their ideas.
9:00 AM	10	Indonesia	DKI Yogyakarta	8:00 PM	Sunday	Muhammad Farhan Nadhif		Muhammad Farhan Nadhif is a 10th grader boy from DKI Yogyakarta, Indonesia. He is friendly and currently addicted to games and IT.	GPS Logistic Tracker	Real-time tracking of a shipment is still not available nowadays in the market. Through this presentation, I will share about how a simple device can help shipper answers people's curiosity about where their shipment is.
9:15 AM	10	India	Tamilnadu	6:45 PM	Sunday	Sudharsan Varatharajan; Godwin Immanuel	Cambriomics Life Science	Biologist turned Entrepreneur who wants to make a difference. I always believe exploring the unknown is always exciting and Biology is my exploration window to happiness and joy.	Biology for ALL	I run a startup called Cambriomics Life Science, at which we do hands-on life science education. We have created the first personal laboratory for every Biology student on Planet Earth.
9:30 AM	20	United Kingdom	West Sussex	2:30 PM	Sunday	Ron Cole	Alchemy Educational Training Ltd.	Ron Cole is the developer of the SuperReading Program, which helps students become the best students in their school. His innovative Eye-Hop exercises also help dyslexics become better readers than non-dyslexics.	Reading When it Counts	Learn the reality of how reading works, why people are reading at 10% of their true capabilities. Understand how simple and easy it is to become an amazing reader in just a few weeks and how to smash the Sub-vocalization Barrier.
10:00 AM	10	India	Uttarakhand	7:30 PM	Sunday	Jashan Pratap Singh		Jalagenam is a revolutionary and smart water bottle that can fully clean your water like a modern day water purifier and make it free of pathogens, microplastics and other contaminants. It will be compatible with an app to control and monitor its functions like temperature, cleaning intervals and controls.	Jalagenam - the smart bottle	The presentation includes working and principles of the prototype. The presentation will be given in the form of slides, videos and video conferencing. In the presentation we will explain the layout of the app, process of making, codes and compatibility of the prototype along with other important information.
10:15 AM	10	United Kingdom	South Yorkshire	3:15 PM	Sunday	Jasmine Yau		Jasmine Yau, 11 Years Old. I'm a girly girl, I like fashion, I love dancing and go to a dance academy, but also passionate about engineering, coding and love attending Discovery Stem classes to learn more about coding and seeing how other people solve the same tasks.	The Light Wand	I will talk about my Light Wand, which was made to light up as a rainbow for the "Clap for NHS", but we have found other uses for it. I will talk about how it was engineered from a drum stick and how it was coded using an Arduino.
10:30 AM	25	Mexico	Leon Guanajuato	9:30 AM	Sunday	Cristina Mora Bernal; Oscar Mora Cantoral	OsMoTRoniK	Cristina Mora is a 11 years old robotics builder and programmer. Since she has 9 years old Cristina learn flowchart code and starts working on scratch animation, then she continue building robots with Abilix and she won a couple of international online robotics tournaments on Canada and Mexico.	OsMoTRoniK Robotics for Everybody	OsMoTRoniK its a robotics family project who wants to share robotics knowledge with everybody. Developing 3D printed and regular circuits robots at very low cost for students who cant afford this type of technology. Also in OsMoTRoniK, we try to be the link for international events like competitions or forums.

11:00 AM	10	United States	Ohio	11:00 AM	Sunday	Te'Lario Watkins II	Tiger Mushroom Farms	Te'Lario Watkins II is a 13 year old entrepreneur, author, speaker & philanthropist. He started Tiger Mushroom Farms at the age of 7 after a Cub Scout project ended. Te'Lario recently started The Garden Club Project, a nonprofit to serve his community.	Food Justice:Planting Seeds of Change	I will discuss the mission of my nonprofit The Garden Club Project and how I'm helping to fight for food justice.
11:15 AM	10	India	Haryana	8:45 PM	Sunday	Sriya Nagpal	MD Innovator	I am Sriya Nagpal, Grade-1 student, 5 year old inventor. I love to do Art and Craft and like colorful things. I am a proud Indian.	Mystery Box and other Simple Machine Projects	Mystery Box and other Simple Machine Projects
11:30 AM	10							SPECIAL GIFT PRESENTATIONS ON INVENTIING AND INNOVATION		
11:45 AM	10	<b>GIFT CLOSING REMARKS</b>		11:45 AM	Sunday 11 July	Juli Shively & others		GIFT Closing Remarks		