

<b>Session A</b>					
<b>10:00 -11:00</b>	<b>Room # TBD</b>	<b>Presenter</b>	<b>Title</b>	<b>Organization</b>	<b>Session Description</b>
A	1	Sara Torres, Ph.D. & Monica Uribe	Moon: we are the Artemis Generation	NASA Ames Research Center	In this session join NASA Education Specialists to make standard aligned STEM resources more accessible to all students in a culturally responsive way. Learn strategies to engage students using real-time NASA events and student's curiosities of the world we live in by exploring technology returning us to the Moon in a sustainable way.
A	2	Jessica Stoerger	The Teacher Institute for Evolutionary Science: Helping teachers teach Evolution	The Teacher Institute for Evolutionary Science: TIES	Written by members of the Teacher Institute for Evolutionary Science who have tackled the topic of evolution in their classroom for decades, On Teaching Evolution offers practical advice and sample lesson plans for fellow science teachers. Learn about what inspired them to love teaching evolution and the experiences that help guide their teaching practices.
A	3	Art Kimura & Renee Kimura	Introduction to Coding with a \$6 Push Button Programmable Robot	Retired Science Educator	Introduce students to simple coding (and math...measuring distance, angles) using a Mini Push Button Programmable Robot that does not need an external computer or tablet and costs \$6 per unit plus shipping from CA. For elementary teachers, each participating teacher (maximum 24) will receive a robot to take home. Program your robot to achieve the challenge goals and win STEM tools.
A	4	Eric 'Iwakeli'i Tong & Ethan Hill	'Āina-Informatics: Place-based Genome Science in the Classroom	'Iolani School	This informational session will introduce participants to our 'Āina-Informatics mobile genome science lab curriculum as well as our ongoing professional development and equipment funding opportunities for grade 7-12 life sciences teachers.
A	5	Lisa Marten	Teaching Climate Change in Hawaii classrooms	Healthy Climate Communities	Hands on activity to learn/teach about climate change and overview of free place-based Hawaii NGSS curriculum for 5th, 6th, 8th, HS Chemistry & HS Biology.
A	6	Sharon Price Schleigh & Elissa Minamishin	Hawaii Technology Academy shares Project Based Learning	Hawaii Technology Academy	Participants will learn about the project based, placed based program we have at Hawaii Technology Academy. They will see the tools we use to support students in their projects and help to build resilience in their everyday work. Participants will engage in discussions and will discuss strategies to implement the PBL in their own classrooms.
A	Virtual	Michelle Gorham Dasic	Project Learning Tree : Biodiversity Blitz	DLNR: Division of Forestry and Wildlife	PLT's Biodiversity Blitz invites learners to investigate the variety of species in an ecosystem & how biodiversity helps sustain life on Earth. GL 3-5  Explore 3 hands-on activities to use as individual lessons or a cohesive unit (storyline technique). Emphasis: science, ELA, math, & social studies. 1) Receive free curriculum 2) Model "Discover Diversity" activity 3) Build place-based connections
<b>Session B</b>					
<b>11:30-12:30</b>	<b>Room</b>	<b>Presenter</b>	<b>Title</b>		
B	7	Diana Papini Warren & Joyce Haase	Champions of Coastal Resilience	Learning Endeavors	Discover how the Champions of Coastal Resilience Initiative has been engaging youths as climate stewards and caretakers of our coastal communities in Hawai'i. Discover free resources, upcoming teacher PD courses, after school club support programs, and short film festivals & competitions designed for Gr. 4-14!
B	8	Leena Bakshi	Navigating Implicit Bias and Culturally Responsive Teaching in Science Education	STEM4Real	Is Science a Right or Privilege for "Those Kids"? We will address the root causes of student inequities in order to create the foundation of an action plan on how to recognize and dismantle systemic racism, increase student outcomes and rebuild an equitable science program #4Real. We will discuss culturally responsive instruction through the lesson design 3D5E model combining standards + justice.

B	9	Alanna Johnston	Way of the Wedgie Curriculum	Oikonos	To educate others about the native Hawai'ian seabird 'Ua'u kani (Wedge Tailed Shearwater) and their conservation needs, the collaborative team of Hawaii Audubon, HPU, and Oikonos developed a STEM+Art curriculum for 6th-12th grade. These lesson plans explore population dynamics, survivorship, habitat restoration, and conservation solutions.
B	10	Mia-Pia Cummins-VanHerreweghe & Susan Miller	AquaPonics and Organic Farming in a K-12 Setting	Konawaena Middle School & UH Maui	Presentation on aquaponics and organic gardening/farming in K-12
B	1	Sara Torres, Ph.D. & Monica Uribe	NASA Aeronautics: Aeronaut-X Navigate Your Zone and Robotic Rescue Challenge	NASA Ames Research Center	Explore the basics of programming, controlling unmanned aircraft systems (UAS), and many challenges NASA engineers face with the National Airspace System (NAS). Practice moving a robotic ball simulating an Unmanned Aerial Vehicle (UAV) from one side of a maze representing the NAS to the other without hitting obstacles using block programming demonstrating the resiliency of sustainable aviation.
B	2	Jessica Stoerger	Center for Inquiry Science Saves	Center for Inquiry	Created by teachers for teachers, these lessons promote the fact that, thanks to science, individual lives are longer, healthier, easier, and fuller. Teachers, we have lessons for grades K-12 in every discipline, from science to math to language arts. Lessons include teacher notes with curriculum standards at the end of each presentation, student response sheets, rubrics, and lesson plan documents.
B	3	Iona Kaai	E Hula ia: Kapu Aloha + Malama Honua	Kanoelani Elementary	Resilience through the use of SEL "Kapu Aloha" and Place-based Science.
B	Virtual 11:10-12:10	Kelly Schock	Teaching the Life Sciences with AR and Interactive Models	Visible Body	We will share how to use Visible Body's 3D interactive resources for teaching and learning the life sciences in a K12 classroom with a focus on how to boost engagement and excitement for learning.