Activity	Unit/Organization	Session Description	Location
3D Makers	The Constellation	Each class group will be spilt into two smaller groups for this option and rotate between two mini activities in two of the "Constellation" spaces. One location will provide a hands-on tour of what a university makerspace is, learning about all the various equipment and focusing on 3D printing, guided by makerspace staff, engineers, and artists. The second location will be an immersive experience with Canadas largest 180° 3D video wall.	COM 107 & EME 1256
Bottle Rockets!	UBCO Aerospace	Students will explore physics, chemistry and rocketry though the construction and launch of their very own baking soda and vinegar rockets!	EME1101
Bubble Science	Let's Talk Science UBCO	Students will craft a bubble wand and compare a regular bubble solution to a sugar-strengthened bubble solution.	SCI333
Robot Friend & Brain Waves	Computer Science (Ovi Lab)	Class groups will be split into two smaller groups and rotate between two locations and activities. The first activity is an interactive experience with Haru, a friendly desktop social robot who loves to chat. You can talk with Haru, ask questions, and even try tickling or scratching to see how it reacts! The second part includes a Flapping Bird Challenge with one catch... you can't use your hands! Instead, you'll use your brainwaves to control the game.	ART 208 & ART 210
Circuits in Action: Exploring Makey Makeys	Geering Up	In this hands-on workshop, students will dive into the world of circuits, conductivity, and technology using Makey Makeys. They will test materials to see what conducts electricity, explore how circuits work, and use their discoveries to invent creative, playful designs. With time to tinker and build, students will leave excited about the power of circuits and their own imaginations.	EME 1202
DNA: See it for yourself!	Biochemistry Student Union	Students will get a basic overview of what DNA is, where it resides inside of our cells and how it fits together. They will then extract DNA out of fruit (strawberries/bananas) as well as from a spit sample!	SCI236
Element of Inquiry A	Chembassadors	Join the UBC Chemistry faculty and CHEMBASSADORS while we explore chemical phenomena with hands-on activities, laboratory experiments and fun demonstrations	FIP 240
Element of Inquiry B	Chembassadors	Join the UBC Chemistry faculty and CHEMBASSADORS while we explore chemical phenomena with hands-on activities, laboratory experiments and fun demonstrations	FIP 244
Explaining Marine Robotics	UBCO School of Engineering	Learn what a Hydrofoil and Autonomous Underwater Vehicle is, what it does, and how it benefits the ocean. Then join the team in a related activity to test your understanding!	EME1121
Introduction to Probability Workshop	SUO Math Club	Participate in an intuitive introduction to combinations, permutations, and probability!	FIP138
Lava Lamp Science Experiment	Chemistry Course Union	Learn concepts related to density through the process of making a lava lamp.	ART 204
Making Lemon Batteries	Institute of Electrical and Electronics Engineers (IEEE) Okanagan Student Chapter	This session will include a simple explanation of how lemon batteries work and a demonstration of how to assemble them. Each participant will receive a lemon and battery kit to build their own lemon battery with guidance from the instructors.	ART374
Microbe Makers: Build Your Own Bacteria	Microbiology Course Union	In this hands-on microbiology activity, students will see a fun soap-and-pepper demonstration that shows how soap repels "germs." Then, they'll get creative by building their own model bacteria using craft supplies, learning about different bacterial shapes and why microbes are so important in our everyday lives.	FIP121
Muscles in Motion	Healthy Exercise and Aging Lab	This session introduces students to our lab and techniques for understanding the connection between the brain and muscles to produce force.	ART122
Mystery Matter	iSTAND	Explore and visualize the differences between solids, liquids and gases using properties of matter to identifying unknown solids.	ART219
Nursing 101 A	School of Nursing	Join the UBCO School of Nursing while we explore some nursing skills and get to meet and interact with some of our simulators!	CCS 261 & CCS 262
Nursing 101 B	School of Nursing	Join the UBCO School of Nursing while we explore some nursing skills and get to meet and interact with some of our simulators!	CCS 264 & CCS 266
OKMotorrad STEM	OKMotorrad Student Union	Join OKMotorrad for an engaging motorsports engineering challenge.	ART 281

Paper Skies	UBCO Aerospace	This session introduces the participants to the fix wing and UAV division through building and testing a variety of paper planes.	EME2202
Salmon Life Cycle	Sustainability Course Union	Participate in learning and reviewing the: main stages of the salmon life cycle; environmental factors affecting salmon's survival; challenges salmon face; how dams, predation, and habitat loss affect survival; ecosystems; human impacts, and creating solutions to keep salmon abundant!	ART104
Soil Science	WWEST	Students will examine soil structure and the properties of various soil types as vital resources for life on earth. From testing soil organic matter to measuring porosity and permeability, hands-on lab activities will bring the real experience of being a soil scientist to life!	ART202
Solar Scientists	Ogopogo Solar Club	Learn about the many uses and applications of solar energy through an engaging activity with the UBCO Ogopogo Solar Racing Club!	EME1151
Spheros in Action: Rolling into Robotics	Geering Up	Meet Sphero – a rolling robotic superstar whose playfulness makes coding accessible for every skill level. Students will experiment with Sphero's Draw function, making their robots zoom, spin, and change direction as they conquer obstacles and navigate mazes. They can also refine their computational thinking skills by exploring Sphero's block coding, tackling challenges that will inspire teamwork and creative problem-solving.	EME 2141
Strength and Balance	Health and Exercise Science	Participate in four stations that will focus on: 1) strength testing, 2) balance testing, 3) electric and magnetic stimulation of muscles, 4) iPad or laptop-based cognitive tests. Participants will watch demonstrations and have an opportunity to experience some of the neuromuscular physiological tests we perform in the lab.	ART 118
The Secret Code Lab	Computer Science, Math, Physics	Students learn how information can be represented using numbers — specifically, how computers use binary (0 and 1) to represent letters and symbols. They'll then make a "binary bracelet" that encodes their initials. Students will also practice pattern recognition by decoding a secret "mystery message" provide from a binary chart.	LIB306
Zipline Rescue Challenge A	Geering Up	Students will think like Engineers as they imagine, build, and test their own creative solutions to a real-world problem. Through teamwork and experimentation, they'll explore how ideas grow through testing and improvement – all while developing key ADST and science skills in a fun, fast-paced workshop that inspires the next generation of problem solvers and innovators.	EME 2111
Zipline Rescue Challenge B	Geering Up	Students will think like Engineers as they imagine, build, and test their own creative solutions to a real-world problem. Through teamwork and experimentation, they'll explore how ideas grow through testing and improvement – all while developing key ADST and science skills in a fun, fast-paced workshop that inspires the next generation of problem solvers and innovators.	EME 2181