

Description	1
Schedule	1
Tech requirements	2
System requirement for Tethys (visual programming tool)	2
Virtual community guidelines	3
Meet your instructors	4
Contact	5

Description

Robotics is an interdisciplinary field that involves the interplay of computer science and engineering. In this virtual workshop, our instructors will introduce concepts of computer science, including variables, conditions, and functions. Students will learn these concepts using the visual programming tool, Tethys, which will enable them to program the virtual semi-humanoid robot, Pepper, created by SoftBank Robotics. The increasing use of intelligent machines to improve our everyday lives will also be discussed in this workshop.

Schedule

Date: Feb 27, 2021 (Saturday)

Time: 10:00-11:30 AM*

Location: Virtual via Zoom.

Audience: Grade 9-12 students

Sign up link: <http://websurvey.sfu.ca/survey/392141842>**

*The meeting link will be opened at 9:30 am for participants who wish to test their setup.

****Please note that the content of this workshop will be the same as the previous workshop held on Oct 24, 2020.** The deadline to sign up is Feb 19, 2021 at noon. A confirmation email and more details will be sent to all students by Feb 22, 2021 at 5:00 pm.

Tech requirements

Internet access and laptop.

System requirement for Tethys (visual programming tool)

Your computer should meet the minimum system requirements before you use Tethys. Google Chrome browser is the only supported browser at this time.

- Browser
 - To use Tethys you'll need: Chrome Version 66 (Official Build) (64-bit) or later (Chrome Version History).
 - To figure out which browser you have, click on this link:
<https://www.whatismybrowser.com/>
- Windows
 - To use Chrome Browser on Windows, you'll need: Windows 7, Windows 8, Windows 8.1, Windows 10 or later.
 - An Intel Pentium 4 processor or later that's SSE2 capable
- Mac
 - To use Chrome Browser on Mac, you'll need: OS X Yosemite 10.10 or later
- Linux
 - To use Chrome Browser on Linux, you'll need: 64-bit Ubuntu 14.04+, Debian 8+, openSUSE 13.3+, or Fedora Linux 24+
 - An Intel Pentium 4 processor or later that's SSE2 capable

Virtual community guidelines

Welcome to the Pepper Academy workshops offered virtually by the SFU Applied Sciences Outreach Program! We are so excited that you have decided to join us. Our mission is to inspire, encourage, and support youths of all backgrounds to explore the many topics related to science, engineering, and technology through interactive and engaging activities. Before you join us, there are some guidelines we need everyone to follow to maintain the safety of everyone involved. See below for our Virtual Community Guidelines.

Personal Safety: We take safety seriously. If harm is disclosed or discussed (harm to self, or harming others) then we will take the appropriate steps to ensure your continued safety and the safety of those around you. Threats about others personal safety will not be tolerated.

Respect: Treat those online as you would treat them in-person that is with respect, dignity, and care.

No Hate Speech or Bullying: Bullying, discrimination, and harassment of any kind will not be tolerated.

Communication: Communication is encouraged in this workshop. Communicate with respect and listen to others when they speak or share ideas, which includes when sharing ideas out loud or via the chat function. Mute your microphone when not speaking and only turn your video on if you feel comfortable to do so.

Privacy: Respect the privacy and personal information of those in the shared virtual space by not sharing information that is not your own. Respect your own privacy by not sharing any personal information with those you do not know. Sharing of the Zoom link with those outside of the specific intended group is strictly prohibited.

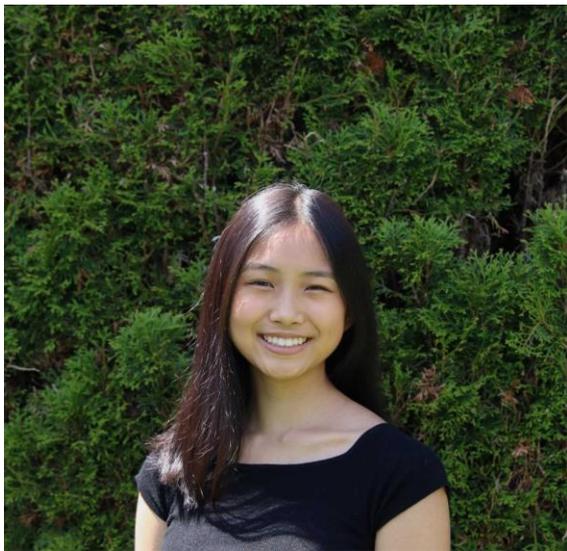
Copyright: There will be no recording of anything that happens in this space, which includes participants and instructors taking pictures, recording parts of the workshop or recording their screen during any part of the workshop.

By joining the Pepper Academy workshop, you are considered to be in agreement with the above community guidelines. We will take the appropriate actions if any of the above guidelines are violated. Depending on the situation, this may result in revoking participation in the remaining workshops. Thank you in advance for your commitment for keeping the Pepper Academy virtual workshops engaging, safe and of course, fun!

Meet your instructors



Sun is a 3rd year student at Simon Fraser University majoring in Computing Science and minoring in Mathematics. As a Pepper Ambassador she hopes to share that knowledge about Pepper with the others around her. She is currently on co-op with the SFU School of Computing Science. She enjoys calculus and photography.



Grace is a third year computing science student at Simon Fraser University who is passionate about technology and learning. As a Pepper Ambassador, she aims to introduce students to Pepper and various topics in STEM. In her free time, she enjoys hiking, baking and playing with her cat Mojo.



Denzel is another Pepper Ambassador currently in his 3rd Year in SFU majoring in Computer Science. Being a Pepper Ambassador meant that he could share his enthusiasm and passion for coding with other students younger than him in the hopes that it may also pique their interest in the subject. In his free time however, he enjoys cooking, sleeping and gaming.

Contact

If you have questions, please do not hesitate to contact Eva Yap (Outreach Programs Coordinator, SFU Faculty of Applied Sciences) at sacoord@sfu.ca.