

A Remote Possibility: Coding In a Virtual World

When: Tuesday, January 26, 2021 | 7 p.m. Central time

Technology: TI-Nspire™ technology, TI-Innovator™ Hub

Presenters: Paul Alves (palves314@gmail.com) and Tom Steinke (tsteinke@ti.com)

Let's explore coding using TI-Basic and the TI-Innovator™ Hub with TI LaunchPad™ Board. Paul and Tom will go over activities that resulted from a collaboration between Texas Instruments and Shad Canada, a STEAM and entrepreneurship program for students in grades 10 and 11. Initially conceived to be delivered at summer camps, these activities were adapted for online delivery. Paul and Tom will discuss lessons learned and strategies for optimal learning.

Shad 2019 In Person Workshop files

- https://drive.google.com/drive/folders/1qZV3hYzkBWHaOOroAza2_BNnJq749Xbl?usp=sharing

Shad 2020 Virtual Workshop files

- https://drive.google.com/drive/folders/1f_W5KxvH7Q6U_SIWwQluBHw5secG14Uu?usp=sharing

Coding for All Article by Paul Alves and Tim Jackson detailing the TI-Shad summer workshops the past three summers (October 2020)

- <https://www.stemsupports.ca/stories/coding-for-all>

TI Education Canada Stories including blogs and articles on STEM workshops

- <https://education.ti.com/en/resources/canada?category=stories>

Texas Instruments Brings Its Hands-On Coding Workshops to ShadOnline - TI blog describing the TI-Shad virtual STEM camps (July 2020)

- <https://education.ti.com/en/bulletinboard/shadonline>
- <https://www.shad.ca/texas-instruments-brings-its-hands-on-coding-workshops-to-shadonline/>

You Can Do Hands-on Learning - Shad Article describing the July 2020 TI-Shad STEM workshops (November 2020)

- <https://www.shad.ca/you-can-do-hands-on-learning/>

Texas Instruments Code Shads Through Simulated Heart Attacks and Control Robots - Shad Article describing the TI-Shad STEM workshops (July 2019)

- <https://www.shad.ca/texas-instruments-code-shads-through-simulated-heart-attacks-and-control-robots/>

Shad Canada Girls in STEM Video Testimonials

- <https://vimeo.com/395978522>
- <https://vimeo.com/372472422>
- <https://vimeo.com/360620284>