Dear Families,

Welcome to The STEAM Project's **Create 'N Code: Smart House** Virtual Program! We're looking forward to getting started with the program. Below you will find information about preparing for your course:

What's inside your kit:

- 1 letter envelope
    - 2 rectangular walls
    - 2 house-shaped walls
    - 2 rectangular roof pieces
    - Fences
- 1 wooden base
- 4 small labelled bags
    - Bag #1: Microbit kit
    - Bag#2: Buzzer
    - Bag#3: LED lamp
    - Bag#4: Servo skylight
- Large wood and cardboard pieces
- Tool kit with wood glue, popsicle sticks, double sided tape
- 1 large envelope
    - Bag of wooden parts
    - Bag or cardboard parts
    - Bag of electronic parts

Hardware and Software Requirements:

- Any PC or Mac **computer** that can **run Google Meets (with webcam, mic, and USB port)**
    - iPads are not compatible. Chromebooks may experience technical difficulties.
- Link to **software used**: https://makecode.microbit.org/
    - Chrome is the recommended browser for uploading code onto the micro:bit

Questions?
(289) 819-0178
virtual@thesteamproject.ca

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Safety Information:

- This product contains **small and sharp parts**. Do not swallow or scratch to avoid injury
- Some **parts will rotate or move** when they work. Do not touch them to avoid being bruised or scratched and to avoid damaging internal components
- Use the parts in the kit in accordance with each lesson. If you do not know how to
- use or wire a part, **ask an instructor** before connecting it to any source of power
- (e.g. batteries)
- Store the kit and all parts in a **dry place away from direct sunlight**
- Unplug and **turn off all power when not in use**
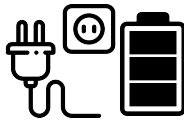
Class Rules:

--- Before the first class ---

• Sign up for the **Google Classroom** at least **one day before the first class**.
• Your Classroom code is available through a PDF titled **"Household Confirmation Letter"**.
The meeting links will be posted in the Classroom.

--- To prepare for class ---

Prepare a **clean workspace.** Use newspaper or something similar to **protect surfaces**

Plug in your device or make sure it's **fully charged**

Arrive on time - after 5 minutes, you may not be able to be added as the instructor may be busy

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--- *During class* ---

• You can turn off your video if you are not sharing something with others.

Raise your hand to indicate to the instructor that you have a question

Please use the **chat** only for **relevant discussion**

Mute your microphone when you are not speaking to the class or instructor

• For the first class, the instructors will spend time making sure everyone is comfortable and that the equipment is working.

--- *After class* ---

• Students can ask questions to their instructor, communicate with other students, receive updates, and links to online resources & bonus projects through the Google Classroom.

• If there is a **planned absence, please notify us by emailing:** virtual@thesteamproject.ca
• For missed classes, resources will be available through Google Classroom.

Sincerely,
The STEAM Project Family

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