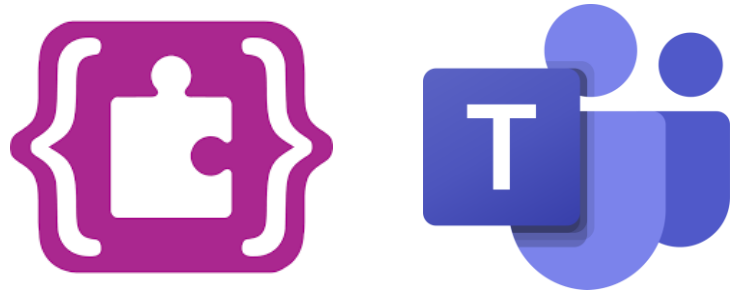




MakeCode 101



TheCC.Page/MakeCodeTeams2022

This Workshop will be Recorded



Your Team for Today



Dan Noble

Dumfries, Scotland
He/Him



Jonathan So

Settler in Milton, Ontario Treaty 19
He/ Him

The land upon which I work, live and sustain ourselves is the ancestral and treaty lands of the Miichizaagiig Annishinaabek also known today as the Mississaugas of the Credit, the rightful caretakers and title holders of this land. I also recognize the rich pre-contact history and relationships which include the Anishinaabek and the Onkwehonwe. Since European Contact, this land continues to be home to Indigenous and non-Indigenous peoples. As responsible community members, we value the diversity, dignity and worth of all people. Colonialism displaced and dispossessed Indigenous peoples of their ancestral lands and continues to deny their basic human rights, dignities and freedoms. I am committed to learning true history to reconcile, make reparations and fulfill our treaty obligations to the Original Peoples and our collective responsibilities to the land, water, animals, and each other for future generations.

Land Acknowledgement - native-land.ca



Shutty

MARION HUNTER



THE
**Cobblestone
Collective**

Connecting together to build
foundations for learning



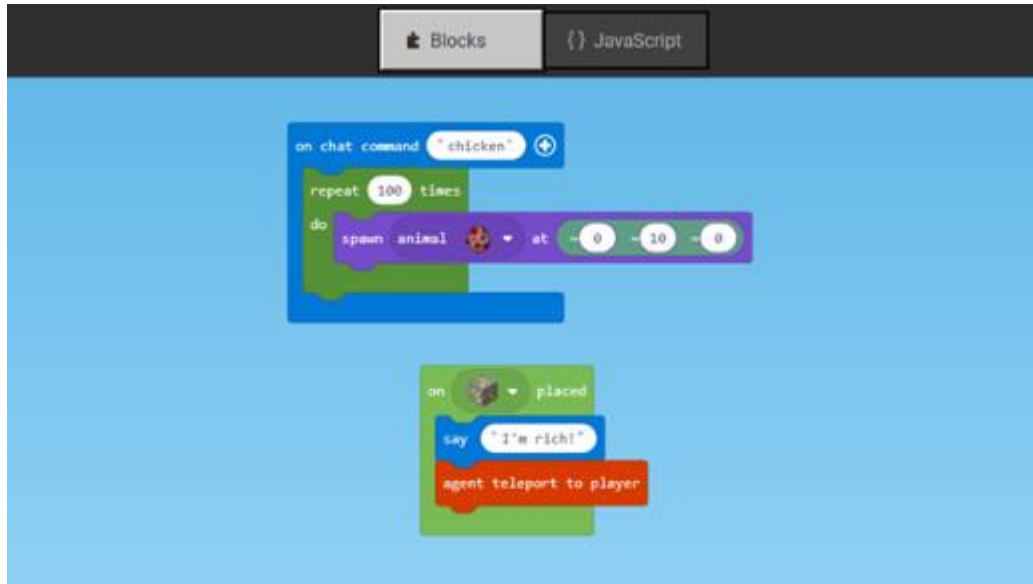
cobblestonecollective.ca

Today's Plan

Introducing Makecode
&
Adding Assignments to Teams

- What is Makecode?
- What can we use Makecode with?
- Minecraft & Coding 101: It's raining chickens!
- Makecode.org 101: Arcade
- Makecode.org 101: Microbit
- Adding coding assignments to teams
- Educator Resources!

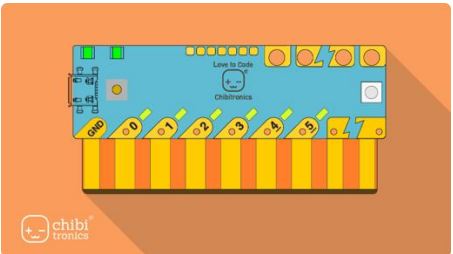
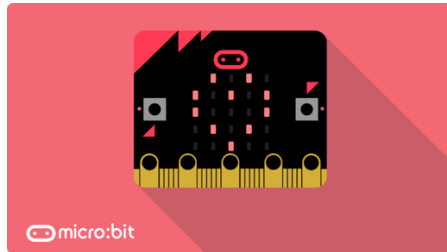
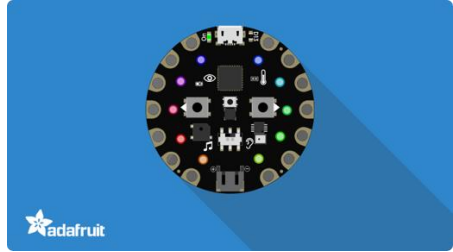
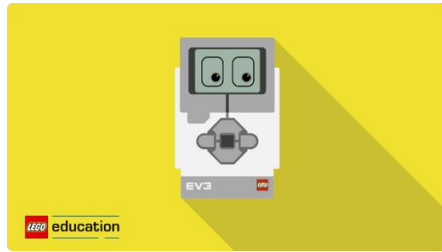
What is MakeCode?



MakeCode is a free, open source platform for creating and engaging computer science learning experiences that support a progression path into real-world programming... and it's a lot of fun!

Makecode let's students explore BlockCode, Javascript and Python!

What can we use MakeCode with?



There are multiple platforms and devices that support MakeCode!

Minecraft & Coding: It's Raining Chickens!



In Minecraft there are many tutorials in Codebuilder

We'll create a simple world & demonstrate how to start codebuilder and access lessons and tutorials

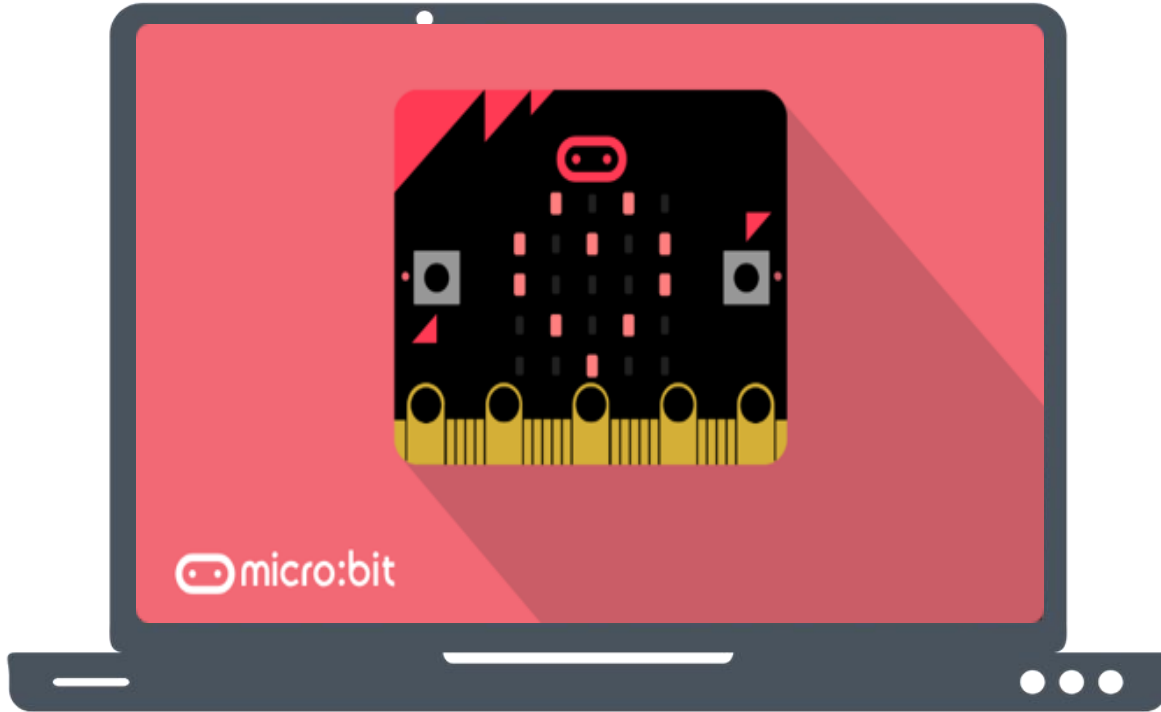
MakeCode.org: Arcade



Next, we'll head over to makecode.org and demonstrate how to use MakeCode in Arcade.

You can download the games you create to a number of hardware platforms to play your students creations!

MakeCode.org: Microbit

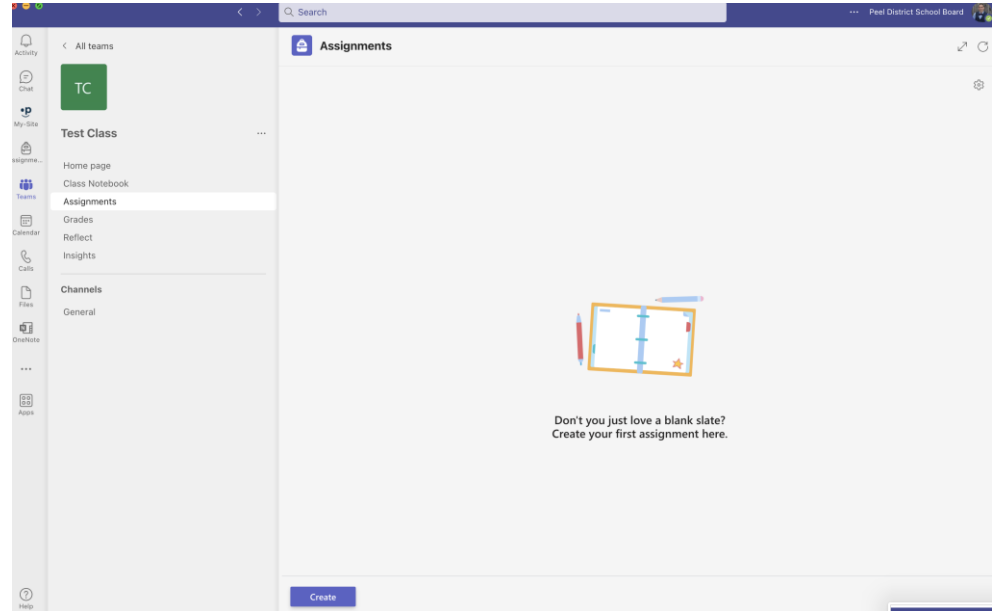


Next up, we'll demonstrate how to use MakeCode with Microbit.

You can download your scripts to microbits and see the creative results of your students work!

Adding coding assignments to Teams

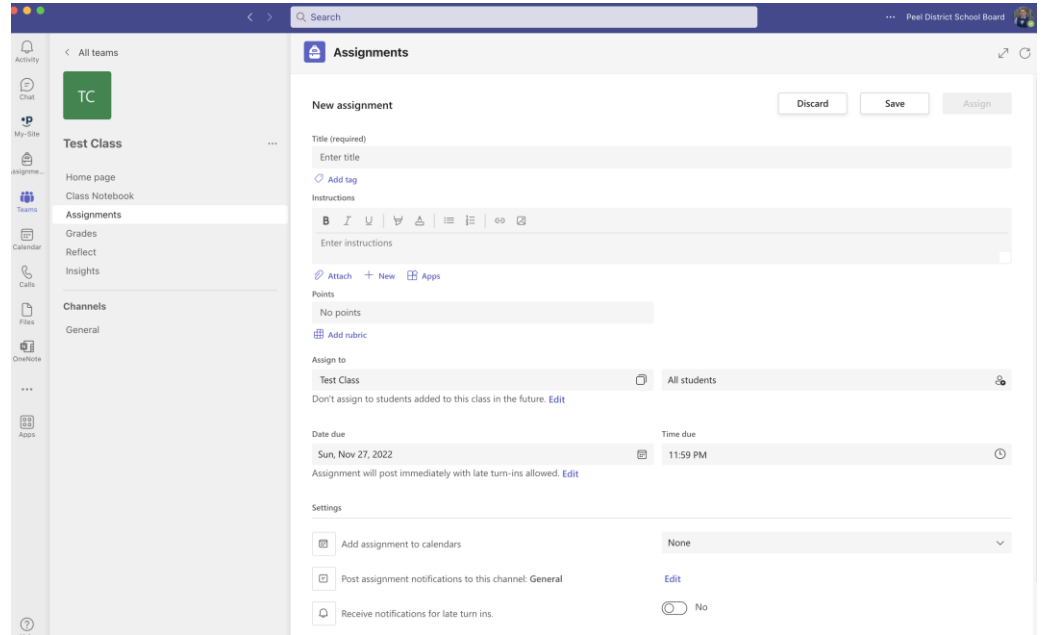
Go to your Assignment Page and click on Create (located on the bottom leftish section)



Adding coding assignments to Teams

Fill in the various sections of the New Assignment page.

- 1) Title
- 2) Description: I insert learning goals here
- 3) Add link to makecode.org
- 4) Hit assign



The screenshot shows the Microsoft Teams interface for creating a new assignment. The left sidebar shows the 'Test Class' team with the 'Assignments' channel selected. The main content area is titled 'New assignment' and includes the following sections:

- Title (required):** A text input field with the placeholder 'Enter title'.
- Add tag:** A link to add tags.
- Instructions:** A rich text editor with the placeholder 'Enter instructions' and a toolbar containing bold, italic, underline, link, unlink, list, and link icons.
- Points:** A dropdown menu currently set to 'No points'.
- Add rubric:** A link to add a rubric.
- Assign to:** A dropdown menu set to 'Test Class' and a secondary dropdown set to 'All students'.
- Date due:** A date picker set to 'Sun, Nov 27, 2022'.
- Time due:** A time picker set to '11:59 PM'.
- Settings:** A section with three checkboxes:
 - Add assignment to calendars (set to 'None')
 - Post assignment notifications to this channel (set to 'General')
 - Receive notifications for late turn ins. (set to 'No')

At the top right of the form are three buttons: 'Discard', 'Save', and 'Assign'.

Additional Resources

Just For You!

- [Makecode.org](https://makecode.org)
- [MakeCode Introduction](#)
- [Coding with Minecraft](#)
- [Code.org A Hero's Journey](#)
- [Microsoft MakeCode](#)
[YouTube](#)



Thank you!

Feedback: cobblestonecollective.ca/feedback

Continued Support: help@cobblestonecollective.ca

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