



**WEST
VANCOUVER
SCHOOLS**

A world of opportunity

WVS Ignite Your Passion: Code with Confidence

2021 – 2022 Open House Information

Acknowledgement



We would like to acknowledge and thank the Squamish Nation upon whose traditional territory West Vancouver Schools reside.

We would like to express our gratitude to this Nation as we value the opportunity to learn and share educational experiences on this traditional territory.



Welcome & Introductions

Mr. Jeffrey Huang

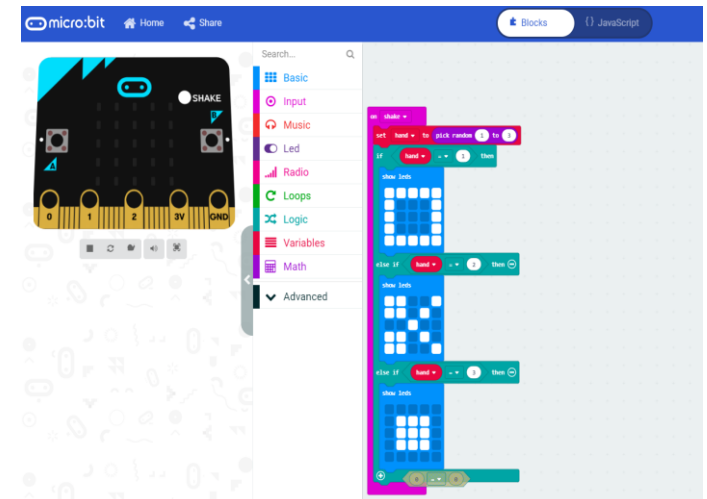
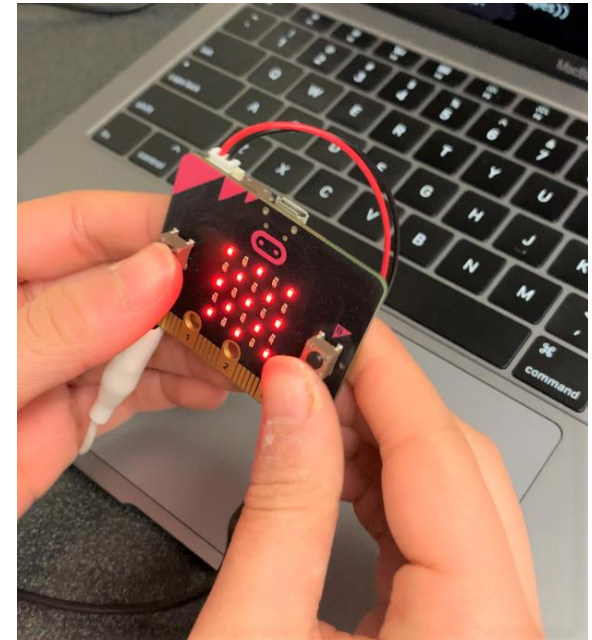
West Vancouver Schools Teacher



- 2006 - 2011 B.Sc - Chemistry (UBC)
- 2011 - 2012 B.Ed - Secondary (UBC)
- 2012 - 2014: Mapleleaf Canadian International School (China)
- 2016- now: Science and Math teacher at Sentinel Secondary
- I have a passion to teach students skills that are highly relevant in the job force and in our society today.
- At times, I see students passionate about a topic (like coding, electronics and computers) that is not being taught at school, and I am excited about the opportunity to help students pursue their interests.
- <https://www.linkedin.com/in/jhuang0203/>

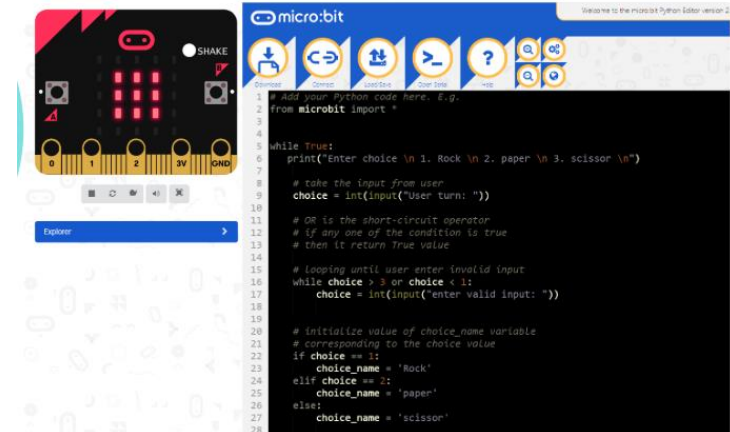
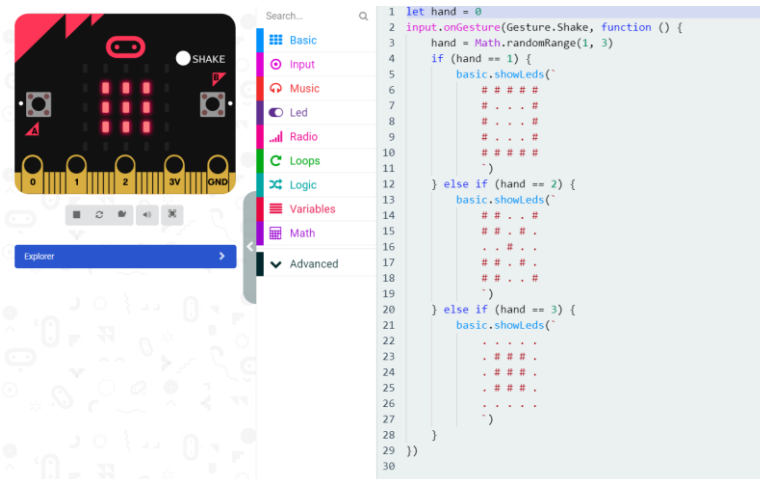
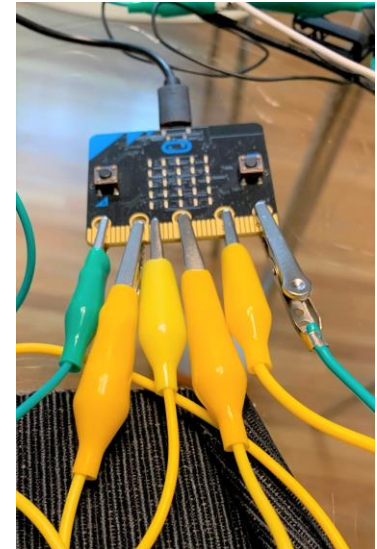
Kids Love to Code

- Many of our students are introduced to block-based coding in elementary school and they have a desire to move past that to “**real**” coding.
- Students also enjoy the idea of using code to build games, apps, and see their **code in action**.



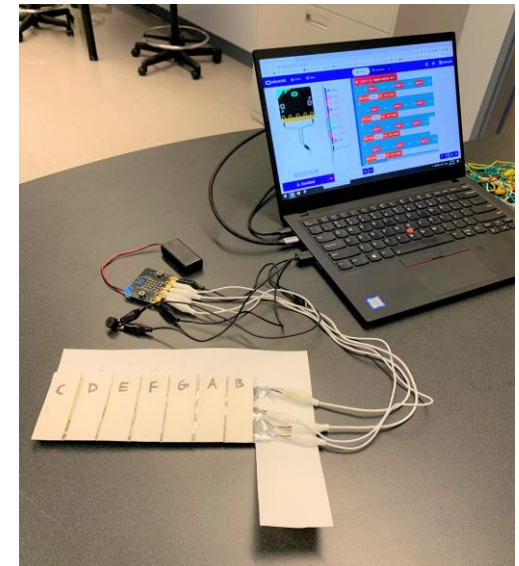
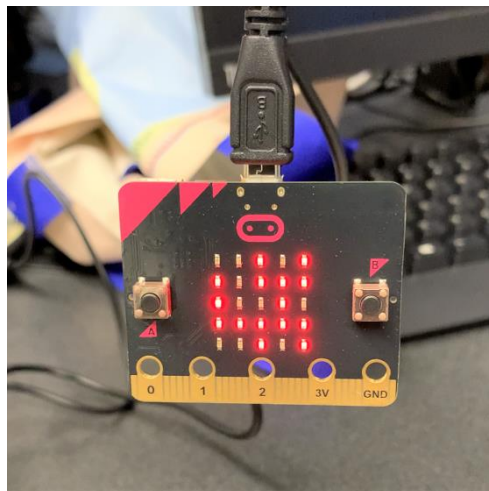
The Program

- Develop **computational thinking skills**
- Use language-based programming (such as Python) in real world applications
- Participate in local coding challenges and competitions
- Exposure to guest speakers and local community professionals and companies



Project Examples

- Scratch Adventure Story
- MicroBit Pets
- MicroBit Door Alarm
- Simple Juke Boxes
- Digital Piano
- Personal Webpage Portfolio
- Game Designs
- Interactive Webpages



Who Should Register for this Program?

This program is for **Grades 6 & 7 students** who have a desire to learn skills in computational thinking and language-based programming. The program is open to all genders.



Location and Equipment



- West Vancouver Secondary School
- Room C233 (Computer Lab)
- *Students are more than welcome to bring their own devices*
- Monday 3:30 – 5:00 pm
- September to June



Fees

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- WVS Premier Programs (IYP) and Premier Sports Academies have costs associated with them.
- This Ignite Your Passion Program is \$140 per month (September-June) - 10 months
- With respect to the fee payment, the school district uses School Cash Online for all payments.
- More detailed information will be provided to parents whose students are confirmed for the program.



The Selection Process

Selection Process & Criteria

- ☐ Genuine interest or passion – sound reasons for applying
- ☐ Commitment to participate for the full school year
- ☐ Show satisfactory to excellent work habits
- ☐ Ability to listen and follow instructions
- ☐ Ability to communicate respectfully



Code With Confidence

Next Steps

Next Steps

- ❑ Register Online at westvancouver.schools.ca
- ❑ Ensure the student is registered full time at one of the West Vancouver elementary schools
- ❑ We will review the most recent report card (e.g., December, 2020)
- ❑ Complete the process for final registration (deposit for September and any other forms)
- ❑ Once the registration form is submitted, parents will receive ongoing communication about the process to be ready for September, 2021



- Jeffrey Huang, WVS Teacher of the IYP Program
jhuang@wvschools.ca
- Diane Nelson, WVS Director of Instruction;
dnelson@wvschools.ca
- Tara Ledingham, Assistant, Academies Office
tledingham@wvschools.ca

Feel free to email us with questions!

Thank You!

We look forward to receiving your online registration.