

# SUNSHINE COAST GIRLS LEARN TO CODE DAY

**November 12, 2016**  
**Cap U, Sechelt**

# AGENDA

Welcome to Girls Learn to Code Day!

- ★ Why Learn to Code?
- ★ Introduction to Scratch
- ★ Scratch exercise
- ★ Hands-on Projects
- ★ Demos

# THANK YOU!

- ★ Thank you to our hosts and sponsors!
- ★ Photos
- ★ Sign-up for future events
- ★ Refreshments in lobby during break

# WHY LEARN TO CODE?

- ★ Why learn to code?
- ★ Why is it important for **girls** to learn to code?

# INTRODUCTION TO SCRATCH

- ★ What is Scratch? [Scratch.mit.edu](https://scratch.mit.edu)
  - Programming language that lets you create your own interactive stories, animations, games, music and art.
- ★ Video – [Get Started with Scratch](#)
- ★ Sign-up / Log In
- ★ Look around the Scratch site

# SCRATCH EXERCISE 1 - YOUR FIRST PROJECT!

1. Create a project
2. Make your cat move
3. Add a sound
4. Make your cat dance
5. Make your cat dance again and again
6. Say something
7. Green flag
8. Change colour
9. Key press
10. Add a backdrop
11. Add a sprite

# SCRATCH EXERCISE 2 - PRESS D TO DANCE!

## Demo

1. Create a new project
2. Delete Scratch the cat
3. Choose a backdrop
4. Choose a dancer
5. When green flag is clicked, play a song
6. When green flag is clicked, say the instructions
7. When the "d" key is clicked, start dancing!

# SCRATCH PROJECT

- ★ Create your own project!
- ★ Ideas for projects
- ★ Get started!



# DEMO YOUR WORK

- ★ Show us your project
- ★ Tell us how you made it!
- ★ Kudos!

# WHAT'S NEXT?

- ★ Keep coding!
- ★ Resources:
  - ScratchEd - [scratched.gse.harvard.edu](https://scratched.gse.harvard.edu)
  - Code.org
  - Hour of Code - [code.org/learn](https://code.org/learn)
- ★ Future Sunshine Coast events?