



Looking for activities to engage your students during the FHSD **We Love to Code** Event? Check out this list of coding sites that engage kids of all ages. No coding experience necessary!

Add this Symbaloo to your website to make it easy for kids to access ways to code:

<https://www.symbaloo.com/mix/welovetocode>

Web Based Activities	Coding Apps
Early Learners (Pre-K – 2nd Grade)	
Bot Logic: http://botlogic.us/#sthash.5QVL9qn9.dpbs	CargoBot: http://twolivesleft.com/CargoBot/
Code.org Course 1: https://studio.code.org/s/course1	Light Bot Jr: https://itunes.apple.com/us/app/lightbot-jr-4+-coding-puzzles/id858640629
Blockly: https://blockly-games.appspot.com/maze?lang=en	Daisy the Dinosaur: https://itunes.apple.com/us/app/daisy-the-dinosaur/id490514278?mt=8&ign-mpt=uo%3D4
	Kodable (Programming Curriculum): https://itunes.apple.com/us/app/kodable-k-5-coding-curriculum/id577673067?mt=8&ign-mpt=uo%3D4
	Make Game and Learn Coding Skills with The Foes: https://itunes.apple.com/us/app/foos-coding-5+-make-games/id923441570?mt=8&ign-mpt=uo%3D4
	Box Island, Epic Coding Adventure: https://itunes.apple.com/us/app/box-island-epic-coding-adventure/id979579439?mt=8&ign-mpt=uo%3D4
	LEGO Mindstorms Fix the Factory: https://itunes.apple.com/us/app/lego-mindstorms-fix-factory/id671493323?mt=8
Intermediate Learners (3rd – 5th Grade)	
Code Monster: http://www.crunchzilla.com/code-monster	Light Bot Programming Puzzles: http://lightbot.com/
Code with Star Wars: https://code.org/starwars	Make Games and Learn to Code with HopScotch: https://itunes.apple.com/us/app/hopscotch-make-games!-learn/id617098629?mt=8&ign-mpt=uo%3D4
Code with Elsa and Anna: https://studio.code.org/s/frozen/stage/1/puzzle/1	Make your robot move with code: A.L.E.X.: https://itunes.apple.com/us/app/a.l.e.x./id597040772?mt=8&ign-mpt=uo%3D4

Bot Logic: http://botlogic.us/#sthash.5QVL9qn9.dpbs	CargoBot: http://twolivesleft.com/CargoBot/
Code.org Courses 2 and 3: <ul style="list-style-type: none"> • https://studio.code.org/s/course2 • https://studio.code.org/s/course3 	Scratch Jr. : https://itunes.apple.com/us/app/scratchjr/id895485086?mt=8&ign-mpt=uo%3D4
Explore Code with Mine Craft: https://code.org/mc	
Code through Mazes with Angry Birds: https://studio.code.org/hoc/1	
Practice the coding that goes behind FlappyCo Birds: https://studio.code.org/flappy/1	
Code with Disney Infinity Characters: https://studio.code.org/s/infinity/stage/1/puzzle/1	
Play Lab: https://studio.code.org/s/playlab/stage/1/puzzle/1	
Code with the characters from Ice Age: https://studio.code.org/s/iceage/stage/1/puzzle/1	
Code Combat: http://codecombat.com/	
Blockly Bird: https://blockly-games.appspot.com/bird?lang=en	
Blockly Turtle: https://blockly-games.appspot.com/turtle?lang=en	
Blockly Movie: https://blockly-games.appspot.com/movie?lang=en	

Middle School

Blockly Pond (learn to use angles while programming): https://blockly-games.appspot.com/pond-basic?lang=en	Code Warriors: Hakitzu Battles - learn to code through robot arena combat: https://itunes.apple.com/us/app/hakitzu-elite-robot-hackers/id599976903?mt=8
The Amazing World of Gumball: https://studio.code.org/s/gumball/stage/1/puzzle/1	CargoBot: http://twolivesleft.com/CargoBot/
Move from beginner to expert with Microsoft's coding tutorials: https://www.touchdevelop.com/	
Explore Code with Mine Craft: https://code.org/mc	
Blockly Movie: https://blockly-games.appspot.com/movie?lang=en	
Animate Your Name:	

<https://www.codecademy.com/courses/animate-your-name/0/1>

Build Your Own Galaxy:

<https://www.codecademy.com/courses/web-beginner-en-ymqg0/0/1>

Create a Website about You:

<https://www.codecademy.com/courses/web-beginner-en-3pc6w/0/1>

Bot Logic: <http://botlogic.us/#sthash.5QVL9qn9.dpbs>

Code Combat: <http://codecombat.com/>

Code.org Courses 2-4:

- <https://studio.code.org/s/course2>
- <https://studio.code.org/s/course3>
- <https://studio.code.org/s/course4>

Learn to Code with Turtle Academy:

<http://turtleacademy.com/learn.php>

Code with Scratch: <https://scratch.mit.edu/>

Intro to CS (20 Hour Course):

<https://studio.code.org/s/20-hour>

High School

Blockly Pond (with JavaScript): <https://blockly-games.appspot.com/pond-advanced?lang=en>

Learn programming language through a series of courses: <https://itunes.apple.com/us/app/udacity-learn-programming/id819700933?mt=8&ign-mpt=uo%3D4>

Learn the basics of creating a website with HTML and CSS:

<https://www.codecademy.com/learn/web>

iOS App for Game Creation:

<https://www.pluralsight.com/courses/hopscotch-games>

Microsoft's Code Hunt: <https://www.codehunt.com/>

Get started with JavaScript, the programming language of the Web: <https://www.codecademy.com/learn/javascript>

Make your website interactive with jQuery:

<https://www.codecademy.com/learn/jquery>

PHP is a programming language that powers websites like Facebook: <https://www.codecademy.com/learn/php>

Ruby on Rails will help you create apps:

<https://www.codecademy.com/learn/learn-rails>

Python is used to run sites like YouTube and Dropbox:

<https://www.codecademy.com/learn/python>

Create Apps with App Creator Tutorial:

<https://www.pluralsight.com/courses/android-beginner-app-inventor>

Tutorials for creating games:

<https://www.pluralsight.com/courses/learn-to-program-kodu-kingdom-defense>

For Teachers

Register your School to be an Oracle Institution:

<https://academy.oracle.com/en/membership-benefits.html>

Get Started with Alice: <http://www.alice.org/index.php>

Track student progress with Code.org Teacher Resources:

https://studio.code.org/users/sign_up?user%5Buser_type%5D=teacher

Teacher Resources with Code.org:

<https://code.org/educate>

Teach Computer Science without a Computer:

<http://csunplugged.com/>

For Parents (Programs to download and learn at home)

Kids Ruby (Free): <http://kidsruby.com/>

Move The Turtle (\$3 Apple App Store)

<https://itunes.apple.com/us/app/move-turtle.-programming-for/id509013878?mt=8&ign-mpt=uo%3D4>

Game Development Course from EdX (Free with Paid options): <https://www.edx.org/course/design-development-games-learning-mitx-11-127x>

Use Tech Rocket to work through courses to learn code, game design and graphic design (Free with Paid options):

<https://www.techrocket.com/>