



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)	
<p>Learning.com has partnered with Code Monkey to bring fun coding activities to students K-8 -To view coding activities, login to Learning.com through Clever. Go to Library>Easy Tech>Easy Tech and Easy Code Computational Thinking. You'll see lots of activities to choose from. Click Assign to assign to your class. (see Learning.com User Guide for help.)</p>	
<p>Bot Logic: http://botlogic.us/#sthash.5QVL9qn9.dpbs</p>	<p>CargoBot: http://twolivesleft.com/CargoBot/</p>
<p>Code.org Course 1: https://studio.code.org/s/course1</p>	<p>Light Bot Jr: https://itunes.apple.com/us/app/lightbot-jr-4+-coding-puzzles/id858640629</p>
<p>Blockly: https://blockly-games.appspot.com/maze?lang=en</p>	<p>Daisy the Dinosaur: https://itunes.apple.com/us/app/daisy-the-dinosaur/id490514278?mt=8&ign-mpt=uo%3D4</p>
<p>Kodable (Programming Curriculum): https://itunes.apple.com/us/app/kodable-k-5-coding-curriculum/id577673067?mt=8&ign-mpt=uo%3D4</p> <p>Make Game and Learn Coding Skills with The Foos: https://itunes.apple.com/us/app/foos-coding-5+-make-games!/id923441570?mt=8&ign-mpt=uo%3D4</p> <p>Box Island, Epic Coding Adventure: https://itunes.apple.com/us/app/box-island-epic-coding-adventure/id979579439?mt=8&ign-mpt=uo%3D4</p> <p>LEGO Mindstorms Fix the Factory: https://itunes.apple.com/us/app/lego-mindstorms-fix-the-factory/id671493323?mt=8</p>	
Intermediate Learners (3rd 5th Grade)	
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<p>Code Monster: http://www.crunchzilla.com/code-monster</p>	<p>Light Bot Programming Puzzles: http://lightbot.com/</p>

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	
Made with Code BEATS: https://www.madewithcode.com/projects/beats	

Middle School

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(see [Learning.com User Guide](#) for help.)

<p>Blockly Pond (learn to use angles while programming): https://blockly-games.appspot.com/pond-basic?lang=en</p>	<p>Code Warriors: Hakitzu Battles - learn to code through robot arena combat: https://itunes.apple.com/us/app/hakitzu-elite-robot-hackers/id599976903?mt=8</p>
<p>The Amazing World of Gumball: https://studio.code.org/s/gumball/stage/1/puzzle/1</p>	<p>CargoBot: http://twolivesleft.com/CargoBot/</p>
<p>Move from beginner to expert with Microsoft's coding tutorials: https://www.touchdevelop.com/</p>	
<p>Explore Code with Mine Craft: https://code.org/mc</p>	
<p>Blockly Movie: https://blockly-games.appspot.com/movie?lang=en</p>	
<p>Animate Your Name: https://www.codecademy.com/courses/animate-your-name/0/1</p>	
<p>Build Your Own Galaxy: https://www.codecademy.com/courses/web-beginner-en-ymqg0/0/1</p>	
<p>Create a Website about You: https://www.codecademy.com/courses/web-beginner-en-3pc6w/0/1</p>	
<p>Bot Logic: http://botlogic.us/#sthash.5QVL9qn9.dpbs</p>	
<p>Code Combat: http://codecombat.com/</p>	
<p>Code.org Courses 2-4:</p> <ul style="list-style-type: none"> ● https://studio.code.org/s/course2 ● https://studio.code.org/s/course3 ● https://studio.code.org/s/course4 	
<p>Learn to Code with Turtle Academy: http://turtleacademy.com/learn.php</p>	
<p>Code with Scratch: https://scratch.mit.edu/</p>	
<p>Intro to CS (20 Hour Course): https://studio.code.org/s/20-hour</p>	
High School	
<p>Blockly Pond (with JavaScript): https://blockly-games.appspot.com/pond-advanced?lang=en</p>	<p>Learn programming language through a series of courses: https://itunes.apple.com/us/app/udacity-learn-programming/id819700933?mt=8&ign-mpt=uo%3D4</p>

<p>Learn the basics of creating a website with HTML and CSS: https://www.codecademy.com/learn/web</p>	<p>iOS App for Game Creation: https://www.pluralsight.com/courses/hopscotch-games</p>
<p>Microsoft's Code Hunt: https://www.codehunt.com/</p>	
<p>Get started with JavaScript, the programming language of the Web: https://www.codecademy.com/learn/javascript</p>	
<p>Make your website interactive with jQuery: https://www.codecademy.com/learn/jquery</p>	
<p>PHP is a programming language that powers websites like Facebook: https://www.codecademy.com/learn/php</p>	
<p>Ruby on Rails will help you create apps: https://www.codecademy.com/learn/learn-rails</p>	
<p>Python is used to run sites like YouTube and Dropbox: https://www.codecademy.com/learn/python</p>	
<p>Create Apps with App Creator Tutorial: https://www.pluralsight.com/courses/android-beginner-app-inventor</p>	
<p>Tutorials for creating games: https://www.pluralsight.com/courses/learn-to-program-kodu-kingdom-defense</p>	
For Teachers	
<p>NEW: Lesson Plans and activities (unplugged and plugged): http://www.allyouneediscode.eu/lesson-plans</p>	
<p>Getting Started with Scratch: https://scratch.mit.edu/tips?mc_cid=9666f1c6d4&mc_eid=99c87be22b -Tutorials, Activity Cards and Educator tips!</p>	
<p>Register your School to be an Oracle Institution: https://academy.oracle.com/en/membership-benefits.html</p>	
<p>Get Started with Alice: http://www.alice.org/index.php</p>	
<p>Track student progress with Code.org Teacher Resources: https://studio.code.org/users/sign_up?user%5Buser_type%5D=teacher</p>	
<p>Teacher Resources with Code.org: https://code.org/educate</p>	

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/>