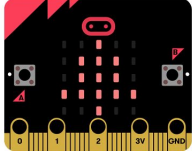
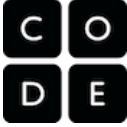




Micro:bit





	http://microbit.org Projects page: pxt.microbit.org/projects	Visit the main page, then click "Let's Code". You can also go directly to the projects page to work some of those tutorials (like Karel the LED , which was added by Dr. Fisher).
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Online opportunities to connect with code

	Code.org https://studio.code.org https://code.org/learn	The obvious place to start. Great courses like we used in camp and great Hour of Code activities. Good for any age.
	CS First https://www.cs-first.com/materials	Totally free. Technically designed as a middle school programming club, but the material is fun for many ages.
	Tynker https://www.tynker.com/free-play/	Company making online programming courses for K-12. Most content is paid, but plenty of free content too. Worth checking out.

More: <https://scratch.mit.edu/> (get a book), <https://www.madewithcode.com/>, <https://codecombat.com/>, <https://www.khanacademy.org/hourofcode>, <http://thefoos.com/webgl/>, <https://www.kodable.com/>, <https://www.codecademy.com/> (for older kids), and many more.

Apps that teach programming

	Box Island iOS Android	Visually engaging game for younger kids. Fun to play for older kids too, but initially focused on younger kids. Worth getting. Hour of Code mode is free on iOS, \$0.99 on Android.
	codeSpark Academy with The Foos iOS Android	Great programming game for younger kids. Also has a game editor mode to encourage creativity. Subscription, but has a free trial.
	Lightbot Hour of Code Lightbot Jr (paid) iOS Android	Three apps (one free, two paid) with different levels. WAY fun programming game. Great for kids and surprisingly fun for adults.
	Tynker iPad only	Many fun free levels and a great way to get into the Tynker world (app and website). Free with in-app purchases for their paid content.

More (most are free): [Lego Mindstorms Fix the Factory](#), [Kodable](#), [Bit by Bit programming game](#), [Swift Playgrounds](#) (iOS only), [Hopscotch](#), and many more.