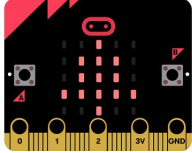
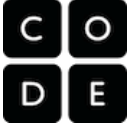




## Micro:bit





	<a href="http://microbit.org">http://microbit.org</a>  Projects page: <a href="http://pxt.microbit.org/projects">pxt.microbit.org/projects</a>	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 <b>Karel the LED</b> , which was added by Dr. Fisher).
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## Online opportunities to connect with code

	Code.org <a href="https://studio.code.org">https://studio.code.org</a> <a href="https://code.org/learn">https://code.org/learn</a>	The obvious place to start. Great courses like we used in camp and great Hour of Code activities. Good for any age.
	CS First <a href="https://www.cs-first.com/materials">https://www.cs-first.com/materials</a>	Totally free. Technically designed as a <b>middle school</b> programming club, but the material is fun for many ages.
	Tynker <a href="https://www.tynker.com/free-play/">https://www.tynker.com/free-play/</a>	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 <a href="#">iOS</a>   <a href="#">Android</a>	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 <a href="#">iOS</a>   <a href="#">Android</a>	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) <a href="#">iOS</a>   <a href="#">Android</a>	Three apps (one free, two paid) with different levels. WAY fun programming game. Great for kids and surprisingly fun for adults.
	Tynker <a href="#">iPad only</a>	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.