

Hour of Code Volunteer Toolkit

Anybody can learn.

HOUR
OF
CODE



Every student should have the opportunity to learn computer science.

Computational thinking helps nurture problem-solving skills, logic, and creativity. Students today should learn how to create technology, not just use it. By starting early, they'll have a foundation for success in any 21st-century career path. By volunteering with classrooms, you inspire more students, including girls and underrepresented students of color to try computer science. This step-by-step guide will provide you with everything you need to know to participate in Hour of Code this year.

Thank you for joining Code.org to help introduce millions of students to computer science through the Hour of Code!

This toolkit includes:

Volunteering in a classroom

Help spread the word

Other ways to get involved

Frequently asked questions

Volunteering in a classroom

Who can volunteer?

Anyone passionate about computer science education and careers in tech can be a volunteer! We want volunteers of all ages, backgrounds, and experience levels who have a passion for increasing diversity in tech. The Hour of Code has a large variety of tutorials for all ages and skill levels so you don't need to be an expert to volunteer!

Why volunteer?

Check out some testimony from past volunteers:

- “The best part of my experience was that the entire class were women and people of color. It bodes well for the future of our industry to have a chance to reach and excite these kids.”
- “Especially enjoyed getting to encourage young girls in technology. Felt like I was helping the next generation in my local area.”
- “I LOVED seeing how excited the kids were. One amazing thing was that the teachers noticed that some of the students who didn't do as well academically were excelling at thinking like a developer and helping others are them - giving them a place to feel confident.”

How do volunteers get selected?

- Teachers will be searching for volunteers on [our volunteer map](#).
- Teachers will be reviewing your profiles on the map, so try to make your profile as complete as possible to increase the chance that a teacher will select you.
- A teacher will contact you through this form (your email address will never be shared with the teacher).
- If you are receiving too many requests from teachers, you can always update your preferences by clicking the link to edit your information or unsubscribe, provided at the bottom of any email from a teacher.

Preparation for your Hour of Code:

Before you volunteer:

- [Try out the tutorials yourself](#) before heading to the classroom.
- Prepare to share your story. How did you get involved in a career in tech or why is tech important to you?
- Get the students excited! Pick out a video to show to help focus the class and get them excited to do an Hour of Code.
- If you are a virtual volunteer, test A/V and screen sharing capabilities beforehand.

Volunteering in a classroom

Day of - Hour of Code Event:

- Before you arrive, make sure to confirm with the teacher that you'll have the capabilities you need to host an hour and show videos.
- When you arrive, sign into the school and greet the teacher. Confirm the agreed schedule for the day and discuss any talking points.
- Encourage students to ask each other if they have questions. Learning from each other is a great learning opportunity. Often kids can solve the problems themselves and through teamwork.
- Also important to mention that if you do take pictures/videos during the event -- especially with students -- that you **get teacher/parent permission** if you would like to post your stories on social media.

Hour of Code classroom visit sample schedule and guide	
Time	Activity
5-10 minutes	Introduce yourself: <ul style="list-style-type: none">• What do you work, what do you do, and what do you love most about your job?• What or who inspired you?• How did you get interested in computer science?• Did you have a mentor?• Share a story about how tech affects everyone.
1-5 minutes	Show an inspirational video.
5-10 minutes	Ask the students questions and leave time for Q&A. <ul style="list-style-type: none">• What jobs are they interested in, what are their favorite tech gadgets or apps, and how do they think they are built?• Do the students have any questions for you?
60 minutes	Code! Walk around, answer questions, and guide them through tough puzzles. Try not to give students the solution outright, instead, try asking them questions so they can answer themselves what went wrong, and encourage students to ask each other if they have questions. Learning from each other is a great learning opportunity.
1-3 minutes	Thank everyone and share inspirational parting words. Hand out any of your company swag (stickers are awesome)!

After the event:

- Share your photos and stories with Code.org at giving@code.org
- Remember to enter in your volunteer hours in your company's volunteer tracking portal
- Share about your experience on social media!

Suggested Videos

Women in tech related videos:

- [Change the world](#): Starring Sheryl Sandberg, Jasmine Lawrence, Karlie Kloss, May-Li Khoe, Mia Epner, Alice Steinglass, Jess Lee, Paola Mejía Minaya, Malala Yousafzai, and Susan Wojcicki.
- [Malala challenges girls to do an Hour of Code](#): Starring Malala Yousafzai, activist for female education and Nobel Prize laureate.

Hour of Code videos:

- [Hour of Code - WORLDWIDE \(2016\)](#)
- [Hour of Code - WORLDWIDE \(2015\)](#)
- [The Hour of Code is Here \(2015\)](#)
- [President Obama asks America to learn computer science \(2014\)](#)
- [The Hour of Code is Here \(2013\)](#)
- [Pair Programming](#)

General inspirational computer science videos:

- [Computer Science is Changing Everything](#): (5.5min) See how all kinds of different industries use computer science to solve today's most difficult problems.
- [Anybody Can Learn](#): (1 min) A short message from Bill Gates, Mark Zuckerberg, will.i.am, NBA all-star Chris Bosh, Gabe Newell of Valve, Drew Houston of Dropbox, Elena Silenok of Clothia, and other tech heroes, to inspire students to learn to code.
- [What Most Schools Don't Teach](#): (6 min) Learn about a new "superpower" that isn't being taught in 90% of US schools. Starring Bill Gates, Mark Zuckerberg, will.i.am, Chris Bosh, Jack Dorsey, Tony Hsieh, Drew Houston, Gabe Newell, Ruchi Sanghvi, Elena Silenok, Vanessa Hurst, and Hadi Partovi.
- ["Code Stars" - short film](#): (9 min) Learn about a new "superpower" that isn't being taught in 90% of US schools. Starring Bill Gates, Mark Zuckerberg, will.i.am, Chris Bosh, Jack Dorsey, Tony Hsieh, Drew Houston, Gabe Newell, Ruchi Sanghvi, Elena Silenok, Vanessa Hurst, and Hadi Partovi.

Help spread the word

Share this global campaign with your family, local schools, and friends. Some examples below:

Hour of Code general announcement

- The #HourOfCode is coming — join the movement! <https://hourofcode.com/>
- Computer science is changing our world. Start participating in this change with one #HourOfCode. <https://hourofcode.com/>
- Don't just use technology—learn how to build it. Help someone start with an #HourOfCode. <https://hourofcode.com/>
- Every leap forward in technology begins with one #HourOfCode. Help the next generation learn! <https://hourofcode.com/>

Stats

- More girls have tried computer science through #HourOfCode than in the last 70 years. Help us make history again. <https://hourofcode.com/> — (image)
- Did you know only 1 in 4 schools teach computer science? Give every student the chance to learn one #HourOfCode <https://hourofcode.com/> — (image)
- Only 26% of software professionals are women. Support introducing girls to computer science with #HourOfCode <https://hourofcode.com/>
- 67% of computing jobs are outside the tech sector. Help make computer science foundational learning with #HourOfCode <https://hourofcode.com/>

Create your own

- One #HourOfCode can turn into [fill in the blank]. <https://hourofcode.com/>
- I'm supporting #HourOfCode because [fill in the blank]. Join us <https://hourofcode.com>

Engineer-specific

- If your very first line of code changed your life, help students near you do their first #HourOfCode <https://code.org/volunteer>
- If you learned to code—what's your story? Inspire a student near you through their first #HourOfCode <https://code.org/volunteer>

Other resources

- [Hour of Code promotional resources](#): Includes brochures, one-pagers, images, stats, posters, etc.
- [About Code.org](#)
- Buy Hour of Code swag at store.code.org

Others ways to get involved

- [Donate](#) to Code.org
- Share your experience on social media with #HourOfCode
- Sign this [petition](#) to make sure that every student has the opportunity to learn computer science
- Promote through Code.org [SWAG](#) (all proceeds go to supporting more students gain access to computer science education).

Frequently asked questions

I haven't heard from any teachers yet. Is there anything else I can do while I wait?

You don't have to wait for a teacher to contact you to get started! Search in your area for local schools and school districts. You can email the principal, computer science teachers, or technology teachers and ask them if they're doing the Hour of Code and are looking for volunteers. Or, reach out to local organizations like Boys and Girls Club, Boys or Girls Scouts, etc.

A teacher is interested in teaching computer science beyond the Hour of Code. Where should I direct them?

If the teacher you're working with wants to offer computer science classes ongoing, point them to code.org/teach for resources to get started.

The school I'm working with has little or no Internet. What Hour of Code activities are available to them?

There are lots of options for unplugged activities. Visit code.org/learn and look for the "unplugged" carousel to see a list of options from our partners. This list will be updated in early November with this year's submissions. Code Studio has also collected its own unplugged tutorials together here. We also have offline versions of [Star Wars](#) and [Minecraft](#) that can be downloaded by the teacher and installed on each computer in advance of their Hour of Code event.

I want to help with translations. How do I start?

Visit code.org/translate for more information or email translations@code.org for any questions.

I want to host my own Hour of Code event with my kids or organization. Where do I sign up?

Register your own event at hourofcode.com/#join.

Are there any Hour of Code activities for students with disabilities?

We're working to improve our selection but for now we only have a recommendation for Quorum. This [lesson plan](#) is for an activity designed for visually challenged students.

How do I see or edit my information?

When you signed up you should have received a confirmation email with a link to view/edit your information. If you're unable to locate that email or edit your information, please email volunteers@code.org for support.