Hour of Code
Volunteer Toolkit

Anybody can learn
December 3-9, 2018

HOUR OF CODE

Every student should have the opportunity to learn computer science

Computational thinking helps nurture problem-solving skills, logic, and creativity. And technology is transforming every industry on the planet. Students today should learn how to create technology, not just use it. And when they have the opportunity to start early, they'll have a foundation for success in any 21st-century career path.

During the Hour of Code campaign, you can help raise awareness of the computer science movement and volunteer to inspire more students to try computer science, particularly girls and underrepresented students of color. This guide will provide you the basic steps to volunteer during the Hour of Code.

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

Inside this toolkit

- Overview
- Volunteering in a classroom
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- Frequently asked questions

Overview

The Hour of Code is a one-hour introduction to computer science designed to demystify "code," show that anybody can learn the basics, and to broaden participation in the field of computer science. Since 2013, the Hour of Code has been part of Computer Science Education Week, an annual celebration of the computing field and its heritage. Now a global movement, the Hour of Code has reached over 100 million students of diverse backgrounds in 180+ countries!

Computer science is the defining field of the 21st century, yet most schools don't teach it. Help us bring computer science to more students in your community by getting your employees involved and volunteering in Hour of Code classrooms during Computer Science Education Week, December 3-9, 2018!

Try an Hour of Code tutorial yourself!

Volunteering in a classroom

Who can volunteer?

Anyone passionate about computer science education and increasing diversity in tech can be a volunteer! We'd love to see volunteers of all ages and backgrounds participate. The Hour of Code features a large variety of activities for all ages and skill levels, so you don't need to be a programming expert to volunteer!

Why volunteer?

Check out some testimonials 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 - 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 contact you.
- A teacher will contact you through the form linked in your profile (we will never share your email address with the teacher).
- If you are receiving too many requests from teachers, you can always update your preferences or unsubscribe by clicking the link provided at the bottom of any email request from a teacher.

Preparation for your Hour of Code

Before you volunteer:
- Try out some of the activities yourself before heading to the classroom.
- Discuss your role at the event with the teacher. You may want to 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 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.

Need more resources? Check out these other tips.

Day of - Hour of Code Event

- Before you arrive, confirm the event with the teacher as well as your respective roles and expectations.
- When you arrive, sign into the school and greet the teacher. Confirm the agreed schedule for the day and discuss any talking points.
- Also if you do take pictures/videos during the event, it is **imperative that you get teacher/parent permission to post any photos of students** on social media.

Hour of Code classroom visit sample schedule and guide	
Time	**Activity**
5-10 min	Introduce yourself: • Where 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 min	Show an inspirational video.
5-10 min	Ask the students questions and leave time for Q&A. • 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 min	**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 min	Thank everyone and print certificates!

Day of - Hour of Code Event

- Share your photos and stories with Code.org on social media (@codeorg).
- If your company has a volunteer tracking portal, remember to enter in your volunteer hours.
- Share about your experience on social media!

Inspiring students

Videos to share

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
- Hour of Code 2015 - WORLDWIDE
- The Hour of Code is Here (2015)
- President Obama asks America to learn computer science (2014)
- The Hour of Code is Here (2013)

General inspirational computer science videos
- 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.

Other resources

- Hour of Code promotional resources: Includes brochures, one-pagers, images, stats, posters, etc.
- About Code.org.

Unable to volunteer? Here are 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).

Spreading the word

Spread the word to promote the Hour of Code and help raise awareness of the computer science movement. Below are sample content to post on social media and inspirational resources to share with your friends, family, and community.

Post on Social Media — Sample Content

Hour of Code general announcement
- The #HourOfCode is coming again—join the movement. https://hourofcode.com
- Computer science is changing our world. Help students be part of this change starting 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
- Did you know only 40% of schools teach computer science? Give every student the chance to learn one #HourOfCode https://hourofcode.com
- Only 26% of software professionals are women. Introduce more girls to computer science with #HourOfCode https://hourofcode.com
- 67% of computing jobs are not in the tech sector. Help put computer science in the standard curriculum with #HourOfCode https://hourofcode.com

Create your own
- One #HourOfCode can lead to [fill in your story]. https://hourofcode.com
- I'm supporting #HourOfCode because [fill in your thoughts]. 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

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 "No internet" option under the "Classroom technology" filter. 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.

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.

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.