Hour of Code
Volunteer Toolkit

**Anybody can learn
December 5-11, 2022**

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. Computer science is the defining field of the 21st century, yet most schools still don't teach it.

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.

You can help raise awareness of the computer science movement and volunteer to inspire more students to try computer science, particularly young women and students from historically marginalized racial and ethnic groups. This guide will provide you the basic steps to volunteer remotely or in person 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

- Volunteering with a classroom
- Inspiring students
- Spreading the word
- Frequently asked questions

Volunteering with a classroom

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 served over 100 million students of diverse backgrounds in 180+ countries!

Try an Hour of Code tutorial yourself!

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 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. Plus, you can volunteer in-person or remotely.

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 can search for volunteers on our volunteer map.
- If you're located near their classroom, teachers will review your profile on the map, so try to complete as much as possible to increase the chance that a teacher will contact you.
- A teacher will contact you through the platform (we will never share your email address with the teacher).
- Work with the teacher to determine how you can best contribute to their event, and if you'll be visiting in-person or volunteering virtually.
- 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.

You don't have to use our volunteer map in order to volunteer! If you have a child in your life, the best place to start is with their classroom. For guardians, we recommend reaching out to one of your child's teachers directly. You can also find additional contact information on their school's website.

Preparation for your Hour of Code
Before you volunteer:

- Try out some of the activities yourself.
- 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? Why is computer science important to you? What are some things you do as part of your job and how does that relate to technology?
- Consider the students you will be speaking to and what might resonate with them. As a volunteer, you can help them to realize that computing is everywhere and they too can become computer scientist.
- Get the students excited! Work with the teacher to pick out an inspirational video that can 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. Consider making a few slides as part of your presentation.
- If you'll be volunteering in-person, make sure you're up to date on both local and school health and safety guidelines. Depending on their procedures you may need to arrive a little early.

Need more resources? Check out these other tips.

Volunteering with a classroom (cont.)

Day of - Hour of Code Event
- Before the event, confirm details with the teacher such as your respective roles and expectations.
- If participating in person, sign into the school and greet the teacher when you arrive. Confirm the agreed schedule for the day and discuss any talking points.
- If virtual, have a 1:1 video call with the teacher beforehand to meet and test your video platform.
- Also if you do take pictures, videos, or screenshots 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? Did you have a mentor? • How did you get interested in computer science? • Share a story about how tech affects everyone.
1-5 min	Show/stream 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 you think they are built? • What are some examples of technology or computer science, that they use everyday? • Do the students have any questions for you?
60 min	**Code**! If you are volunteering in-person, answer questions, and guide students through tough puzzles. Try not to give them 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. If you are volunteering virtually, work with the teacher on what the best approach might be. It may make more sense to return at the end of the session to see what progress students have made.
1-3 min	Thank everyone and share completion certificates to celebrate! Encourage them to keep learning.

Day of - Hour of Code Event
- Share your photos and stories with us by posting on social media and include #HourofCode.
- If your company has a volunteer tracking portal, remember to enter in your volunteer hours.
- Celebrate! You can end your event with a dance party, swag prizes, and more.

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.
- [Change the Face of Computer Science](): (2 min) Only 3% of Black students learn computer science in high school or beyond. We need to provide Black students more opportunity and inspiration to learn and take part in defining the future of technology and our society. Featuring Serena Williams, Yara Shahidi, Stephen Curry, Russell Okung, Draymond Green, and more.

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.
- Spread awareness by wearing [Code.org]()swag (all proceeds go to supporting more students gain access to computer science education).
- Choose to benefit Code.org when you shop on [AmazonSmile]().

For more suggestions on how to support Code.org, vitist [Code.org/help]()

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/
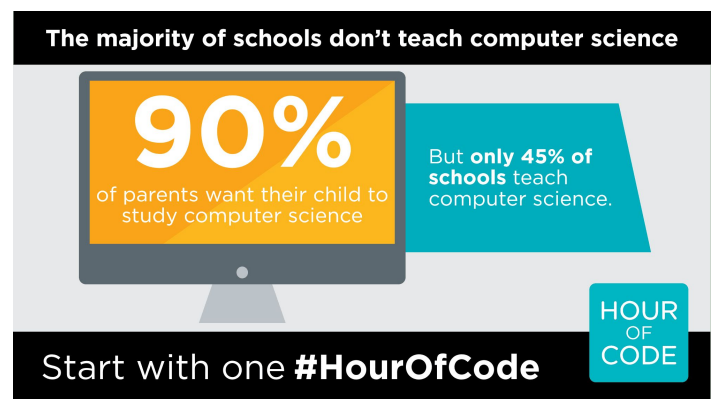- Every leap forward in technology begins with one #HourOfCode. Help the next generation learn! https://hourofcode.com/

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 45% of U.S. schools teach computer science? Give every student the chance to learn one #HourOfCode https://hourofcode.com/
- In the U.S., only 26% of software professionals are women. Introduce more young women to computer science with #HourOfCode https://hourofcode.com/
- 67% of computing jobs in the U.S. 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

Every girl deserves to take part in **creating the technology that will change our world**, and change who runs it.

Malala Yousafzai
Nobel Peace Prize Winner

Start with one **#HourOfCode**

HOUR OF CODE

The majority of schools don't teach computer science

90%
of parents want their child to study computer science

But **only 45% of schools** teach computer science.

Start with one **#HourOfCode**

HOUR OF CODE

You can find more social media tidbits and graphics to share at HourofCode.com

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, Junior Achievement, 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 and review our recommendations for Corporate Partners looking to engage with the Hour of Code.

If you'd like to introduce the Hour of Code to your family, take a look at our Parent Guide for more information.

How do I see or edit my information?

When you signed up to be a volunteer, 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 continuously working to improve our selection of activities for students with impairments or disabilities.

If you have a student with a disability, you can review this how-to guide on how your student can participate in the Hour of Code. We also have resources for students using assistive technology.