

bring in tablets or laptops for the class to share (in schools that have WiFi).

**Use mobile devices:** If your school doesn't have enough computers or Internet access, many of the one-hour activities will also work on smartphones and tablets.

**Go unplugged:** We also offer "unplugged" activities that teach basic principles of computer science—and no electronic devices are required.

Find how-to resources for educators at [hourofcode.com/resources](http://hourofcode.com/resources).

## 4 Spread the word to students and parents.

**Share promotional materials.** Inspire students with videos and posters. Find everything you need at [hourofcode.com/promote](http://hourofcode.com/promote).

**Encourage parents to participate, too!** Students with engaged parents are more likely to pursue computer science. See a sample email to parents at [hourofcode.com/promote/resources](http://hourofcode.com/promote/resources).

**Host an Hour of Code parents' night.** To fully engage parents, consider inviting them to an open house where they can do an Hour of Code with their kids and teachers from your school!

**Reward participants.** Go big and create prizes and awards for teachers and students!

## 5 Celebrate your Hour of Code.

There are tons of ways to kick off the Hour of Code in your community during December 5-11 and join celebrations around the world!

**Host a school-wide assembly.** Show a Code.org video or invite a speaker to try an "unplugged" activity with students in front of the entire school.

**Contact press and local officials.** Tell them about your school's participation in the international Hour of Code movement.

**Invite the community.** Parents, grandparents, volunteers, and business leaders can all learn to code, too. In high schools, the Hour of Code can also be used to recruit students for spring computer science courses.



"When I finish coding,  
I feel accomplished!"  
— Ysatis, 4th grade

**Celebrate!** Share your experience and photos on social media with [#HourOfCode](https://twitter.com/HourOfCode).

## 6 Keep learning! Go beyond the Hour of Code.

Here's what you and your students can do after finishing the Hour of Code:

**Continue learning in class or online.** Keep going with Code.org's online learning platform, Code Studio, where you can track student progress as they learn at their own pace, or find the best learning resources for your classroom at [code.org/educate](http://code.org/educate).

**Expand computer science at your school or district.** Visit [code.org/educate](http://code.org/educate) to learn how to bring a full K-12 computer science pathway and professional development to your school or district. Encourage elementary school teachers to find free, one-day local workshops, at [code.org/k5](http://code.org/k5).

**Help remove policy obstacles to computer science.** Code.org and its partners are working to change policies at the federal, state, and local level that will increase access to computer science for all students. Learn about what's happening in your area and how you can help at [code.org/promote](http://code.org/promote).

Mark your  
calendars for  
December 5-11,  
2016!

The Hour of Code is organized by Code.org, a public non-profit dedicated to expanding access to computer science and increasing participation by women and underrepresented students of color. The Hour of Code is celebrated during the annual Computer Science Education Week in December.

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\*demographic estimates are sourced from surveys sent to registered Hour of Code organizers in December 2014.

HOUR  
OF  
CODE

# The largest learning event in history

During Computer Science Education Week  
December 5-11, 2016

HOUR  
OF  
CODE



The Hour of Code is a global movement reaching over 100 million students in over 180 countries. Anyone, anywhere can organize an Hour of Code event. **Sign up and join us at [hourofcode.com](http://hourofcode.com)!**

## What is the Hour of Code?

**A one-hour introduction to computer science.** Students and teachers can choose from a variety of activities for kindergarten and up. Activities work on any modern browser, tablet, smartphone, or even with no computer at all.

**No experience needed** by students or teachers. Activities are available in over 45 languages!



**Inspiration to learn computer science.** Hour of Code lesson plans and activities can be used to inspire students in many different classes—math, physics, history, English, and more. After doing an hour, many students want to continue!



"I challenge girls in every  
single country to learn one  
Hour of Code"  
— Malala Yousafzai  
Nobel Peace Prize winner

## Why computer science?

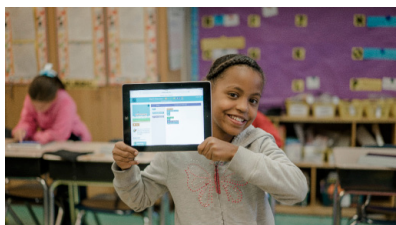
**Computer science is foundational.** Every 21st-century student should have the opportunity to learn how to create technology. Computer science is changing every industry on the planet.

**Computing is the #1 source of wages in the U.S.** There are more than 500,000 computing jobs open nationwide.

**Students also love it!** Recent surveys show that computer science and engineering rank near the top of classes students like "a lot".

**If your school doesn't teach computer science, introduce your students to this fun and critical subject with just one hour!**



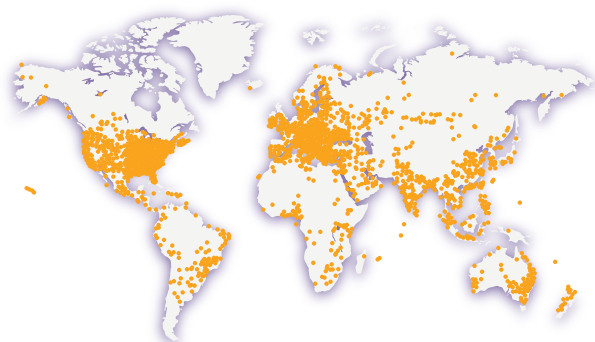


## Incredible stats from last year's Hour of Code:

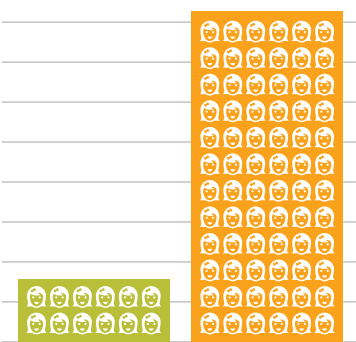
1 in 3 students in US schools has tried an Hour of Code.



Over 100M students have participated at 200,000 events worldwide.



More girls have tried computer science than in the last 70 years.



## Together, we can fix the diversity gap in computer science

On average, computer science classes are only 18% female and 8% black or Hispanic

By introducing girls and boys to fundamental computing concepts on a level playing field, starting with the earliest learners, we can inspire today's generation of students to build technology.

## Celebrities, tech visionaries, and even the President

- Every Apple Store in the world hosted an Hour of Code in 2014 and 2015.
- Hour of Code has been featured on Apple, Amazon, Google, YouTube, Yahoo!, Bing and Disney homepages.
- Celebrities Ashton Kutcher and Jessica Alba and tech leaders Sheryl Sandberg, Bill Gates and Jack Dorsey have talked with classrooms in live video chats.
- President Obama wrote his first line of code to kick off Hour of Code in 2014.
- Hour of Code students opened the NASDAQ at a special event in 2015.



"I have **never, ever** seen my students so excited about learning."

— Michael Clark, Teacher

# How to do an Hour of Code:

- 1 **Choose** your Hour of Code activity.
- 2 **Sign up your classroom** and recruit your school.
- 3 **Plan your technology needs**—computers are optional.
- 4 **Spread the word** to students and parents.
- 5 **Celebrate** your Hour of Code.
- 6 **Keep learning!** Go beyond the Hour of Code.



## 1 Choose an Hour of Code activity

There are fun activities for students of all ages, created by a variety of partners and for a variety of subjects. Want to do an Hour of Code in your English or history class? We've got options for that! Visit [code.org/learn](https://code.org/learn).

### Different options:

- **Self-guided**—requiring minimal teacher prep
- **Teacher-led**—lesson plans for any teacher



## 2 Sign up your classroom and recruit your school.

**Are you a teacher?** Host an Hour of Code event for all your students throughout the week. Urge other teachers to do the same.

**Are you a principal?** Plan for your entire student body to do the Hour of Code. You don't need a computer for every child.

**Are you a superintendent?** Challenge every school in your district to sign up.

**Are you a parent?** Pass this guide on to your local school. Volunteer to help.

### How do you go bigger with your school?

- Share this brochure with your principal to get every student at your school on board.
- Tell us about your Hour of Code at [hourofcode.com](https://hourofcode.com). We'll mail organizers posters and stickers to excite students.

## 3 Plan your technology needs — computers are optional.

Hour of Code is best experienced with Internet-connected computers that can access web-based activities. No downloads or sign-ins are required.

And you don't need a computer for every student! Here are a few options:

**In the computer lab:** Bring your class to the computer lab for one period so students can do the Hour of Code together.

**In your classroom:** If your classroom already has Internet-connected computers, tablets, or laptop carts, your students can take turns doing the Hour of Code throughout the week.

**Work in pairs:** This requires fewer computers, and students collaborate to learn more.

**On the board:** If your classroom has a web-connected projector, all students can do an Hour of Code together on the shared screen.

**Engage parents to bring hardware:** Ask parents to