

# The largest learning event in history

December 8-14, 2014

The Hour of Code is coming, again!



Last year, 15 million pupils tried an Hour of Code in one week. Join pupils all over the world for an Hour of Code during the US Computer Science Education Week, December 8-14. **We're aiming for 100 million pupils worldwide to do an Hour of Code by the end of 2014! Sign up at <http://hourofcode.com/uk>**

## What is the Hour of Code?

**A one-hour activity.** School children of all ages can choose from a variety of self-guided tutorials, from kindergarten on up.

### A spark to keep learning computer science.

Once children see what they create right before their eyes, they're empowered to keep learning.

**A global movement reaching tens of millions of students in 170+ countries.** Anyone, anywhere can organize an Hour of Code event. Tutorials are available in over 30 languages.



## Why computer science?

Children are constantly using technology today, but how many are learning to build it? Every 21st-century pupil should have the opportunity to learn computer science. The basics help nurture creativity and problem-solving skills, and prepare children for any future career.

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

—Michael Clark, Teacher

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## Bring it to your classroom

**Calling ALL teachers:** If you teach at a school that has already adopted the new curriculum then Hour of Code is a great way to complement it in a playful and collaborative manner with students. If you are not using the new curriculum, then Hour of Code is a fun introduction to computation thinking for everyone in the classroom.

**No experience needed:** We will provide activities for all pupils, from kindergarten up.

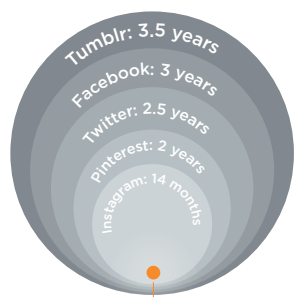
**Computers are optional:** Pupils can learn basic programming concepts on a computer, tablet, smartphone—or no device at all.

## Prizes for EVERY educator — and win a classroom chat with a special guest speaker

- Every Hour of Code organizer will receive **Dropbox space** or **Skype credit** as a thank you for bringing it to school kids.
- 20 lucky classrooms will win video chats with special guests.

## Incredible stats from last year's Hour of Code. In one week alone:

It was the fastest to reach 15 million users.



The Hour of Code: 5 days

15 million students in 170 countries learned an Hour of Code.



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



Over 10 million girls in 2013

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

The Hour of Code is a first step in showing all school children what computer science is all about. Last year, almost half of all Hour of Code participants were girls, 8% were black and 14% Hispanic. Computer science students on average are only 18% female, 3% black, and 8% Hispanic.



## Join us to propel unprecedented momentum—from CEOs to celebrities to the President of the United States

- Tech titans Bill Gates, Jack Dorsey, Susan Wojcicki and Gabe Newell all connected with classrooms in live video chats.
- President Obama, Shakira and Ashton Kutcher all kicked off last year's Hour of Code with video messages.
- Over 100 partners have come together to support this grassroots campaign, including the BBC, Apple, Microsoft, Amazon, Khan Academy and more.

“Every single day yielded the same results—**100% engagement.**”  
—Nina Nichols Peery, Teacher

**Mark your calendars now for December 8-14, 2014!**

Start at <http://hourofcode.com/uk>

# Hour of Code Participation Guide:

- 1 **Details** on Hour of Code activities
- 2 **Sign up your classroom** and recruit your school
- 3 **Plan your hardware needs**—computers are optional
- 4 **Spread the word** to students and parents
- 5 **Plan a school-wide assembly**
- 6 **Beyond the Hour of Code.** Keep learning!



## 1 Details on Hour of Code activities

We'll host a variety of fun, hour-long tutorials for pupils of all ages created by a variety of partners. Try out options at <http://uk.code.org/learn>. We'll release new tutorials to kick off the Hour of Code before December 8-14.

### All Hour of Code tutorials:

- **Require minimal prep-time for teachers**
- **Are self-guided**—allowing pupils to work at their own pace and skill-level

Uk.code.org's own Hour of Code tutorial features **Angry Birds**, **Plants vs. Zombies** and video lectures from **Mark Zuckerberg** and **Bill Gates**. New tutorials are coming soon to kick off the Hour of Code in December.



## 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 headmaster?** Plan for your entire student body to do the Hour of Code. You don't need a computer for every child (plus, you'll qualify for prizes!).

### Where should you start?

- Tell us about your Hour of Code at <http://hourofcode.com/uk> and we'll post you posters to help excite students.
- Give this brochure to your headmaster to get every student at your school on board.
- Qualify for prizes at <http://hourofcode.com/uk/prizes>

## 3 Plan your hardware needs—computers are optional

The best Hour of Code experience will be with Internet-connected computers. But you don't need a computer for every child.

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. (Computers need to be Internet-connected to access web-based tutorials.)

**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.

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

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



**Engage parents to bring hardware:** Ask parents to bring in tablets or laptops for the class to share (in schools that have WiFi).

**Use smartphones:** If your school doesn't have enough computers or Internet access, many of the one-hour activities will also work on smart phones. Kids without smart- phones can pair up.

**Go “unplugged:”** We will offer “unplugged” tutorials that teach introductory principles of computer science without an electronic device.

## 4 Spread the word to pupils and parents

**Share Promotional Materials.** Inspire pupils with videos and print posters to hang in your school. You can find everything you need at <http://hourofcode.com/uk/resources>

**Tell parents.** Tell parents about the Hour of Code and encourage them to participate too, at home or at work. Pupils with engaged parents are more likely to pursue computer science.

**Reward participants.** Go big and create prizes and awards for Hour of Code participants.

## 5 Plan a school-wide assembly

The biggest and best way to kick off the Hour of Code is with a school-wide assembly during December 8-14.

Show a [uk.code.org](http://uk.code.org) video, invite a speaker and try an “unplugged” activity with students live in front of the entire school. Contact press and local officials to tell them about your school's participation in the international Hour of Code movement.

- In secondary schools, this is a great way to recruit students to sign up for computer science courses.
- In primary schools, it can kick off the start of more classroom lessons.

“I knew this was a **once-in-a-life-time** chance”

—Mariana Alzate, 5th grader

## 6 Beyond the Hour of Code. Keep learning!

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

**Continue learning in class or online.** The Hour of Code is just a first step. Keep going with Code.org's online learning platform, Code Studio. Courses and apps are available for all ages, with options to create interactive games, stories or apps. Start at <http://studio.code.org>.

**Join the movement! Computer science is foundational for every school child. Give yours a chance to start with one Hour of Code.**

**Start at <http://hourofcode.com/uk>**