

Hour of Code

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Little Bit about....

- Mom, wife and crafter
- Life long learner
- Taught middle school computers for 12 years
- Currently work as MSAP Technology Lead Facilitator with Wichita Public Schools



@hourofcode @codeorg #hourofcode @BrendaHauff

Hour of Code Facts

- “Hour of code” campaign is during Computer Science Education Week
- Started in 2013 this will be the third year of “Hour of Code”
- The week of December 9th is Grace Hoppers birthday.
- 2013 Hour of Code was geared towards MS and HS students.
- Hour of Code has grown and has resources supporting all grade levels.



Things to keep in mind....

- The United States is not producing enough programmers, computer scientists or engineers.
- Is this a temporary fad? Can we afford it to be temporary?
- Important to understand the basic principles behind software development.
- Need for Women and minorities in Programming and other Computer Science degrees.



Code.orgs Goals

Code.org Goal	Accomplishment
Improve diversity in CS	In our online courses, 42% of students are girls and 37% are black or Hispanic. In our high school classrooms, 34% are girls, and 60% African American or Hispanic .
Inspire students	Tens of millions have tried the Hour of Code . (142,539,745 served. 48% female)
Create fantastic courses	99% of surveyed teachers recommend the Code.org intro CS curriculum .
Reach classrooms	203,407 teachers have signed up to teach our intro courses on Code Studio and 5,710,621 students are enrolled.
Prep new CS teachers	We've prepared 16,000 new teachers to teach CS across grades K-12. Learn about our professional development programs .
Change school district curriculum	We've partnered with 90 of the largest school districts to add CS to the curriculum . These districts teach almost 10% of all U.S. students and 15% of Hispanic and African American students. Learn about becoming a district partner .
Set up policies to support CS	Policy changed in 16 states including CA, NY, FL, IL, OH.
Go global	Our courses are available in 40+ languages, used in all 180+ countries.

Sign-Up

- Sign-up for Hour of Code using your email account.
 - This will give you access to a vast amount of resources for your classroom

HOURL
OF
CODE

HOW-TO PROMOTE FAQ PRIZES


English


Thanks for signing up to host an Hour of Code!

You're making it possible for students all around the world to learn one Hour of Code that can *change the rest of their lives*, during December 7-13. We'll be in touch about prizes, new tutorials and other exciting updates. What can you do now?

1. Spread the word

You just joined the Hour of Code movement. Tell your friends with **#HourOfCode!**

 Share on Facebook

 Share on Twitter

2. Find a local volunteer to help you with your event.

Search our volunteer map for volunteers who can visit your classroom or video chat remotely to inspire your students

How-to guides

For educators

For after-school educators

For companies

For districts

For school assemblies

For public officials

For volunteers

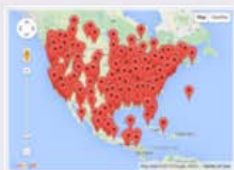
Resources



Teacher Dashboard

ANNOUNCEMENTS

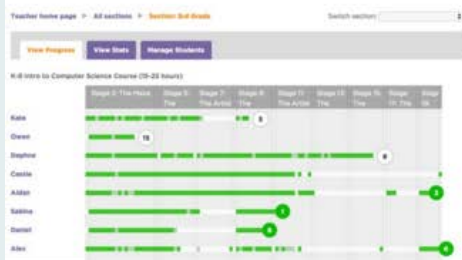
VIEW ALL >>



November 23, 2015 - Would you like a volunteer passionate about computer science education to help during your Hour of Code event? Over 7,000 volunteers are looking to inspire your students by visiting your classroom or video chatting remotely. Check out the volunteer map to contact volunteers in your area.

Try now

Teacher Home Page



Student Accounts and Progress

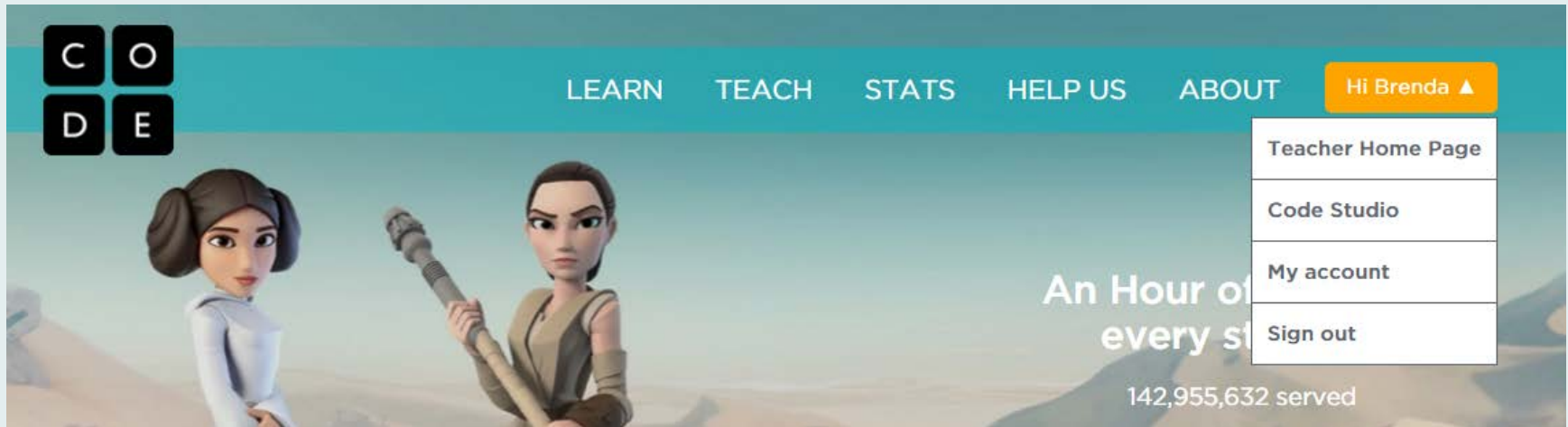


Your Course Progress



Lesson Plans and Resources

Tour - Toolbar and more



Stats

Promote Computer Science

Every student in every school should have the opportunity to learn computer science

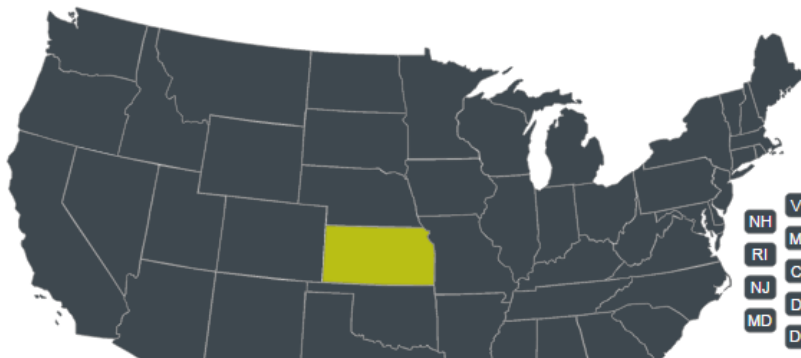
If you agree, sign your name. Join 1,922,485 others.

Only used for infrequent updates

Enter country if outside the United States

See our privacy practices for children

Choose a State



Kansas

3,595 open computing jobs
(3.2x the state average demand rate)

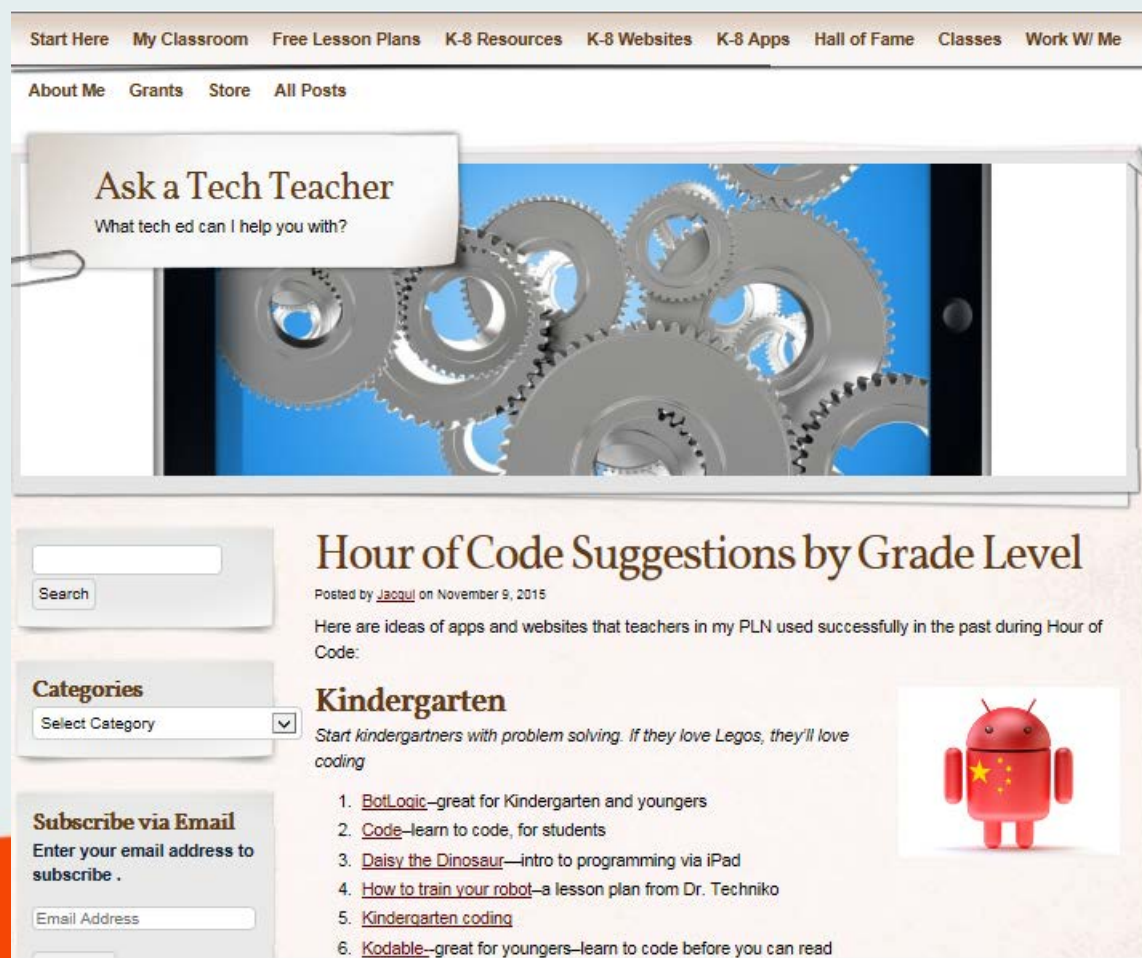
353 computer science graduates

- ⊗ CS doesn't count as math or science credit
- ⊗ No clear CS teacher certification pathways
- ⊗ No CS K-12 curriculum standards

[Download Kansas fact-sheet](#) ↓

Suggestions by Grade Level

<http://askatechteacher.com/2014/11/18/hour-of-code/>



The screenshot shows the Ask a Tech Teacher website. At the top, there is a navigation menu with links: Start Here, My Classroom, Free Lesson Plans, K-8 Resources, K-8 Websites, K-8 Apps, Hall of Fame, Classes, and Work W/ Me. Below this is a secondary menu with links: About Me, Grants, Store, and All Posts. The main content area features a large banner with the text "Ask a Tech Teacher" and "What tech ed can I help you with?" over a background of interlocking gears. Below the banner, there is a search bar with a "Search" button. To the left of the main content, there is a "Categories" section with a "Select Category" dropdown menu. Below that is a "Subscribe via Email" section with the text "Enter your email address to subscribe ." and an "Email Address" input field. The main article is titled "Hour of Code Suggestions by Grade Level" and is posted by Jacqui on November 9, 2015. The article text reads: "Here are ideas of apps and websites that teachers in my PLN used successfully in the past during Hour of Code:". The article is categorized under "Kindergarten" and begins with the text: "Start kindergartners with problem solving. If they love Legos, they'll love coding". To the right of the text is a small image of the red Android robot. Below the text is a list of six suggestions:

1. [BotLogic](#)—great for Kindergarten and youngers
2. [Code](#)—learn to code, for students
3. [Daisy the Dinosaur](#)—intro to programming via iPad
4. [How to train your robot](#)—a lesson plan from Dr. Techniko
5. [Kindergarten coding](#)
6. [Kodable](#)—great for youngers—learn to code before you can read

Resources

- <https://drive.google.com/file/d/0B7Q2LM-t3lqeU1hWWEImNzI2YVE/view> - CSedWeek Starter Guide
- <https://www.common sense media.org/blog/cool-tools-to-help-kids-learn-to-code#> Cool Tools to Help Kids Learn to Code

