

The Utah Exploring Computer Science Initiative



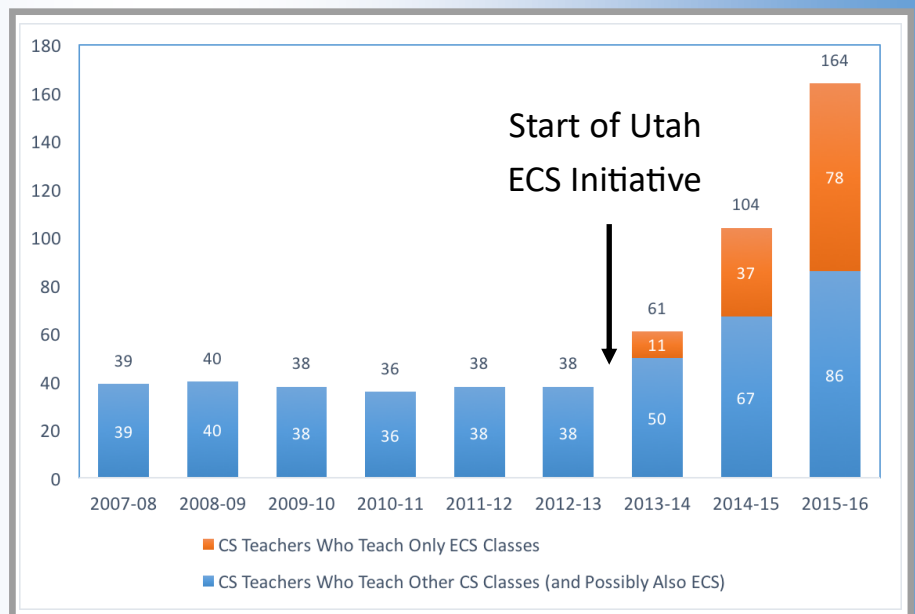
Exploring Computer Science In Utah:

- Fulfills statewide high school graduation requirement (Digital Studies)
- Half year curriculum:
 - Units 1, 2, and 4 from original ECS curriculum
- Three versions of shortened Unit 5 (Computing and Data Analysis):
 - 5-day, 10-day, and 15-day versions
- Monthly mentoring of first-time ECS teachers
 - Example agendas available at: <http://tinyurl.com/ECS-agenda>
- ECS endorsement is first of three CS teaching endorsements
 - Many ECS teachers later choose to pursue CS Level 1 and CS Level 2

Achievements:

Since the start of the project:

- 184 teachers were trained in seven summer workshops over four years
- Utah teachers teaching computer science courses grew from 38 to 164
- More than half of Utah high schools now offer computer science courses
- Over 10,000 Utah students have taken Exploring Computer Science
- Students in Computer Programming classes have grown by 50%, from 2534 (2012-13) to 3853 (2015-16)



Diversity in Exploring Computer Science in Utah (2015-2016)

	Female	White	Hispanic	Asian	Pacific Islander	African American	Native American
ECS Students	36.7%	68.4%	19.4%	3.2%	2.1%	1.9%	2.6%
Utah K-12 Students	48.7%	75.4%	16.6%	1.6%	1.6%	1.4%	1.2%

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