

Grant Recipient: Oregon Computer Science Teachers Association
Grant Amount: \$750,000 for current biennium (for 2 program years)

Purpose

The Digital Literacy and Computer Science Grant provided an opportunity for Oregon schools to expand their computer science offerings through two pathways, the SuperQuest educator training and a SuperQuest Spring Conference. It has also significantly aligned state efforts to national initiatives. Strength of the grantee include the extensive network and partnership capacity OCSTA has built statewide.

Goal 1: Increase Number of students with access to quality CS in K-12 classrooms and increase participation.	Goal 2: Support district plans to deliver CS	Goal 3: Connect teachers and administrators to funds/supports
<p>Increase in CS courses in K-12 schools (increases in both computer programming and AP Computer Science courses)</p>	<p>Support local development of CS education plans through collaboration with districts and national K-12 SC Framework (Facilitated the development of a CS statewide workgroup who have collaboratively created the CS for Oregon Plan based on national CS frameworks and standards. This included a scope and sequence protocol)</p>	<p>Administrator Guide developed for district leaders developed via an advisory group consisting of industry, education and LEA leaders</p> <p>Planning a series of administrator sessions to better educate and address lack of administrator support</p>
<p>Increase number of K-12 CS teachers (Professional Development attendance increase, due to refundable deposit upon attendance)</p>	<p>Provide a plan as model for other districts (“CS Playbook” provides assistance for districts to develop short-term strategies for including computer science education while laying groundwork for long-term)</p>	
<p>Increase students of color and women in CS (“CS Playbook clearly addresses equity and increased access to underrepresented students in the computer science field)</p>		

By the Numbers (17-18 School Year)

- Number of professional development opportunities held throughout the state: one SuperQuest Spring Conference and 8 three-day SuperQuest workshops
- Number of AP Computer Science courses: 36 (three-fold increase)
- Number of computer programming teachers: 118 (up from 84 last year)
- Number of educators participating in the 2018 SuperQuest Trainings: 283
- Number of students reached (estimated): 9,563

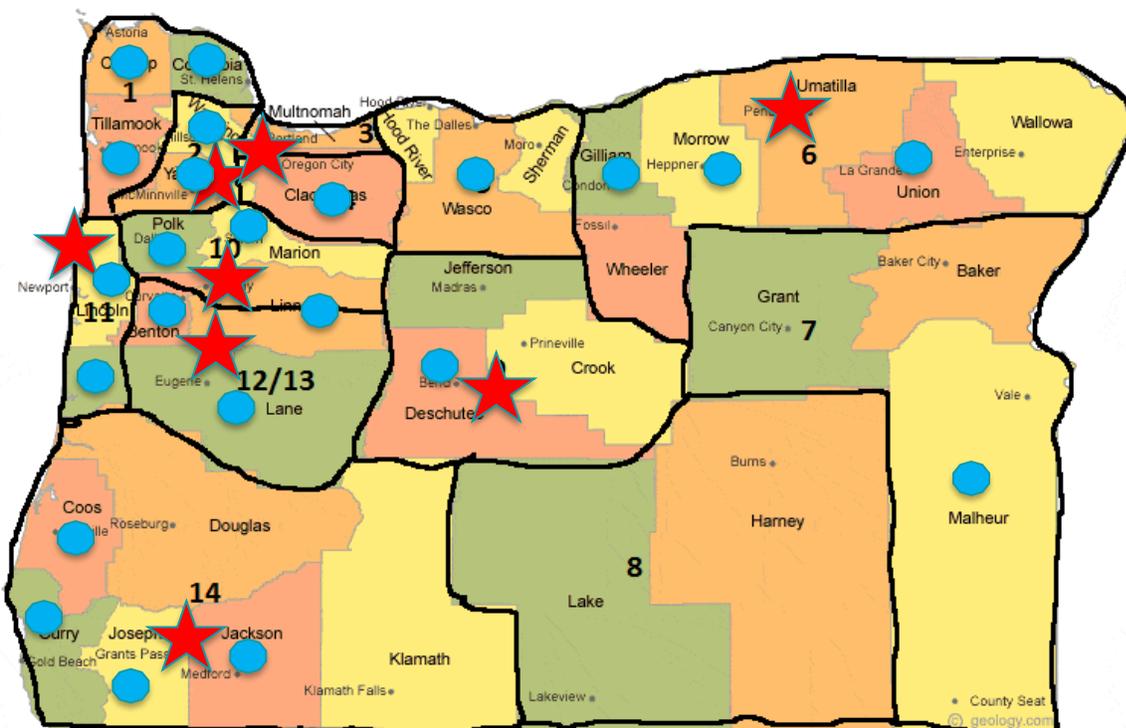
Geographic Distribution of Professional Development



SuperQuest 2018 Professional Development Sites



Educator attendance by County



Contact

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