CS10K Community

Overview		
About:	Designing, supporting, and evaluating an online community of practice to support teachers of Exploring Computer Science and Computer Science Principles at the high school level	
Institution	American Institutes for Research	**Data for:** 2012-2013
PI/Leader:	Darren Cambridge	**Age of Program:** Four months
Location:	Online	**School Districts:** NA
Teachers Served		
Served:	Targeting all the teachers involved in the 13 related PD projects that NSF is currently funding	**Dosage:** Varies
Grade(s):	9-12	**Characteristics** In-service current or potential teachers of ECS and CSP
Program Budget		
Sources:	NSF and the U.S. Department of Education	**Budget:** $615,000 for one year

Learning Goals

Become more effective teachers of Exploring Computer Science and/or Computer Science Principles

PD Structure

- Online discussion, resource sharing, materials development, and networking at cs10kcommunity.org

- Private project spaces and a combination of private and open topical and working groups

- Supported by a social learning team from the American Institutes for Research and Forum One Communications

- 12 facilitators from collaborating projects

Successes and Challenges

An engaged group of facilitators

A functional platform

Many of the projects' mostly work with teachers over the summer

Sustainability of funding

Measures of Success

Reach: A significant number of teachers across the most of the projects NSF has funded are actively engaged in the community

Impact: That engagement creates value for them as described by the value creation framework developed by Wenger, Trayner, & De Laat (2012)

What Creates Value

Initial value

- Effective leadership and moderation

- Appropriate resources

- Robust tools for finding what you need and getting questions answered

Deeper value

- Effective leadership and moderation

- Structured activities

- Tangible products

- Leadership opportunities