



Colorado STEM - Compute Colorado Task Force

Digital Commons at Trail Ridge Middle School

1000 Button Rock Dr, Longmont, CO 80504

March 29, 2016 from 10 a.m. – 3 p.m.

Context

The data is clear. We need to do a much better job of preparing Colorado students to succeed in our thriving, innovation-based economy. Specifically, Colorado students - particularly females, minority students, and low-income students - are drastically underrepresented in computer science courses, postsecondary, and jobs. Further, while computational thinking is a prerequisite to success in college, career, and life, Colorado students by and large do not have access to opportunities to develop these competencies. Cross-sector stakeholders from across the state are mobilizing to build a K-12 solution to this challenge.

In November of 2015, The Colorado Education Initiative (CEI), the Colorado Technology Association (CTA), and the National Center for Women & Information Technology (NCWIT) convened this education and technology task force — Compute Colorado — to initiate the development of a strategy for increasing the number and diversity of Colorado students prepared to compete for high-demand, high-wage technology jobs. The outcome of that meeting was a decision by this community to develop a state plan to address this issue

Meeting Purpose:

Continue to advance the development of a strategy for Colorado to lead the nation in ensuring all learners have access to opportunities to develop computational thinking competencies and to ensure a greater number and diversity of Colorado students are prepared to enter computer science occupations.

Meeting Outcomes

This meeting will result in a second iteration of a set of actions to position K-12 as a leader in increasing the number and diversity of Colorado students excited and prepared to compete for in-demand technology jobs. Work groups will be formed.

Agenda-At-A-Glance

Tuesday March 29, 2016

9:00-10:00	Networking Breakfast
10:00-10:10	Welcome
10:10-10:40	Participant Introductions
10:40-11:00	The Importance of this Work – a Funder’s Perspective
11:00-11:10	Meeting Objectives
11:10-11:15	Colorado STEM – Update on Progress
11:15-12:00	Community Updates - Popcorn
12:00-12:30	Networking Lunch
12:30-1:30	Update from NSF
1:30-2:15	Compute Colorado – Advancing the Project Plan
2:15-2:45	You Choose!
2:45-3:00	Close and Next Steps



Detailed Agenda

- 9:00-10:00 Networking Breakfast**
Light breakfast served. Networking time for participants

- 10:00-10:10 Welcome**
Patty Quinones, St. Vrain Valley School District

- 10:10-10:40 Participant Introductions**
Jaren Smith, CEI

- 10:40-11:00 The Importance of this Work – A Funder’s Perspective**
Denise Whinnen, Gill Foundation

- 11:00-11:10 Meeting Objectives**
Liz Kuehl, CEI

- 11:10-11:15 Colorado STEM – Update on Progress**
Liz Kuehl, CEI

- 11:15-12:00 Community Updates - Popcorn**
 - Greg Hessee, CEI
 - Casey Veatch, CDE
 - Sharon Combs, Douglas County School District
 - Luke Ragland, Colorado Succeeds
 - Brandon Shaffer, PTECH
 - Thomas Hartman, CWDC
 - Scott Fast, Innovate + Educate
 - Axel Reitzig, St. Vrain Valley School District

- 12:00-12:30 Networking Lunch**

- 12:30-1:30 Update from NSF and Q&A Session**
Jan Cuny, NSF & Stephanie Rodriguez, NSF

- 1:30-2:15 Compute Colorado – Advancing the Project Plan**
Liz Kuehl, CEI
 - Small groups: Technical Committee & Research Questions and Logic Model

- 2:15-2:45 You Choose!**
Liz Kuehl, CEI
 - CS for All Commitment
 - Review CSK12 Framework
 - CS Licensure
 - Policy

- 2:45-3:00 Close and Next Steps**