**CS-FAST**

**CS-FAST** is a curriculum developed specifically for Colorado elementary school teachers that offers a Fundamental Approach to Standards Training (FAST). This 1-day elementary school teacher training is being offered for free by Colorado School of Mines, thanks to a collaboration with the Colorado Department of Education (CDE). Participating teachers also have the opportunity to receive a $250 stipend from CDE. The Mines CS-FAST workshop focuses on:

1. Learning and applying Computational Thinking.
2. Introducing the Computer Science Teaching Association standards for each grade level.
3. Providing experience in coding.

**Computational Thinking** embodies the process of solving a computational problem: from breaking down the problem into a way that can be solved efficiently with a computational system, to creating an effective decision from the results. To apply Computational Thinking is to think like a computer scientist.

**WHAT YOU WILL DO**

- Learn how to incorporate engaging computer science activities into your classroom with *and without* a computer.
- Prepare your students to better solve computational problems.
- Understand the computer science standards suggested nationwide for your grade level.
- Recognize ways to implement CSTA and math/science standards simultaneously.

**SCHEDULE**

**Denver Metro Area** - March 30
- April 6, April 27
- May 4
- June 3, June 21, June 28
- (June 8, 22, and 29 if high interest)

**Colorado Springs** - April 13, May 11, June 4

**Fort Collins** - April 20, June 6
**Sterling** - May 18

**Dillon** - June 10
**Parachute** - June 11
**Steamboat Springs** - June 13

**Trinidad** - June 24
**Alamosa** - June 25
**Durango** - June 26

Find us at: [https://cstart.mines.edu/FAST](https://cstart.mines.edu/FAST)