



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 witho ut* 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](#) – Golden

- March 7
- April 18
- May 15

[Colorado Springs](#) – April 4

[La Junta](#) - June 1

[Grand Junction](#) - June 6

[Durango](#) - June 19

[Ft. Collins](#) – June 27

Find us at: <https://cstart.mines.edu/FAST>