



COLORADO SCHOOL OF MINES
engineering the way

SCIENCE – TECHNOLOGY – ENGINEERING – MATH

Don't just buy a new video game, make one. Don't just download the latest app, help design it. Don't just play on your phone, program it. No one is born a computer scientist, but with a little hard work and some math and science, just about anyone can become one.

- President Barack Obama

EXPLORING TECHNOLOGY

PROGRAM FOR 7TH GRADE GIRLS

Computer Science Unplugged

This research project explores computer science (CS) fundamentals through fun games and kinesthetic activities (without using a computer).

With lots of physical movement and fun, attendees will learn basic computer science concepts (e.g. algorithms, binary numbers and data compression), as well as how these concepts fit into computing careers. This curriculum gives attendees a foundation to delve deeper into computer science or engineering, if they wish, or just show them that they can learn technical concepts (even if they don't think of themselves as capable or expect to pursue a formal career in computing).

Participants choose ONE session of 8 classes:

TUESDAY session: February 2, February 9, March 1, March 8,
March 29, April 5, April 12, April 26

WEDNESDAY session: February 3, February 10, March 2,
March 9, March 30, April 6, April 13, April 27

Location: Colorado School of Mines campus

Time: 4:30 – 5:45 pm

Cost: FREE

For questions, send email to stem-tech@mines.edu.

For additional information and to start the registration process, visit us at: <http://tech.mines.edu>

Registration CLOSES Thursday prior to session start (January 28)