



**DEC TECH**  
DISCOVER • EXPLORE • CREATE  
TECHNOLOGY

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## EXPLORE TECH

### SUMMER CAMP FOR BOYS AND GIRLS ENTERING 6<sup>TH</sup>–9<sup>TH</sup> GRADES

#### Focus: Robotics

Robotics is all about FUN and creativity! Through robots, we learn about STEM (science, technology, engineering, and math!) in a hands-on and engaging way. This summer we are working with robots in a differentiated classroom that accommodates multiple levels and experience (Summer 2016 Campers: Welcome back!). Join us for a self-paced, fully supported adventure in Computational Thinking with Robotics!

**Option 1: June 5<sup>th</sup>-9<sup>th</sup>, 2017** OR **Option 2: July 31<sup>st</sup> – August 4th, 2017**

**Separate sessions for girls and boys entering 6<sup>th</sup> - 9<sup>th</sup> grade in Fall 2017**

Session A: for girls (taught by Mines female CS students)

Session B: for boys (taught by Mines male CS students)

**TIME: 9:00am-3:30pm**

**COST: \$400**

#### Camp Features

Design an interactive visual application that interfaces with a robot – Learn visual programming environments  
Eat lunch in the Colorado School of Mines dining hall – Enjoy outdoor breaks and games  
Learn CS fundamentals through interactive games and activities

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## CREATE TECH

### SUMMER WORKSHOPS FOR GIRLS ENTERING 10<sup>TH</sup>–12<sup>TH</sup> GRADES

Participants choose **one**, **two**, or **three** weekends!

**June 3/4: Programming**

**July 8/9: Robotics**

**August 5/6: Web Development**

**TIME: 9:00am-3:30pm**

**COST: \$150/weekend or \$400 for all three**

#### Workshop Features

Project based learning and exploration – Lunch in the Mines dining hall – Taught by female Mines students  
Mines Create Tech Certificate for any girl who completes all three workshops!

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For more information and to begin the registration process, visit our website: <http://tech.mines.edu/>

For questions about EXPLORE TECH or CREATE TECH, send email to [stem-tech@mines.edu](mailto:stem-tech@mines.edu)



**COMPUTER SCIENCE**  
COLORADO SCHOOL OF MINES