

4-H State Fair Robotics Challenge 2018

This year's 4-H State Fair Robotics Challenge explores designing, building and programming an **autonomous car**. Teams will build robots that can navigate a roadway, avoid obstacles, and parallel park.

This autonomous programming challenge is designed for LEGO Mindstorms NXT and EV3 robot kits. All tasks must be accomplished with programming and teams are not allowed to control their robot through any non-autonomous methods.

Teams in two age groups (8-13 and 14-18) will design, build and program their robot to navigate a pre-set course using motors and light, sound, ultrasonic and touch sensors. Teams will compete at the Routt County Level in July and the winner in each age group will compete at the Colorado State Fair in August.



We are so excited to offer this Robotics challenge program to our Routt County 4-H group.

To learn more about this exciting 4-H project and State Fair Robotics Challenge please attend our first 4-H Robotics meeting on February 28th at 5:30pm in the Sarvis Creek Room (3rd floor of historic court house, downtown Steamboat). This 4-H Robotics group will meet twice a month beginning Feb. 28th. New to 4-H and need to get enrolled – go to [4HOnline](#).