

# Robotics and Engineering Starter Guide.



**Overview:** <https://co4h.colostate.edu/projects/pages/Robotics-Engineering-PT.pdf>

This project educates on the basic knowledge of robotics and engineering. You must complete a display board, stand alone for units 1-3, platform must be completed for units 4-6 and a display board for unit 7 according to state fair requirements along with a completed record book.

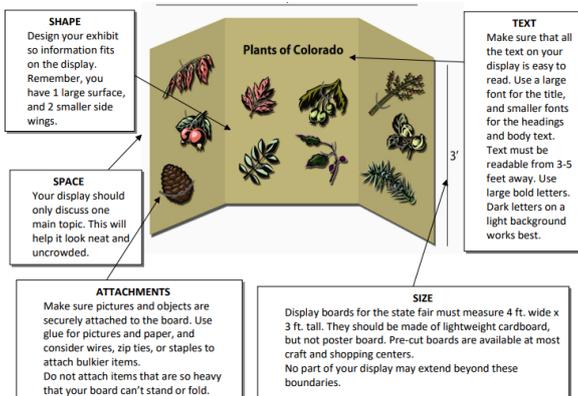


**Requirements:**

<https://co4h.colostate.edu/projects/erecords/roboticse-record.pdf>

(Attend 2 projects meeting)

Record book in a 3-ring folder will need to accompany your project.



Project Areas

- Give Robots a Hand – Level 1
- Robots on the Move – Level 2
- Mechatronics – Level 3
- Robotics with EV3
- Platform Beginners
- Platform Intermediate
- Platform Advanced
- Teams



**Cost of this Project:**

Manuals can be purchased at SLV Extension or Shop4-H \$8.95-\$11.95

Material cost:

Boards: \$8-10 (Walmart/Amazon)

Stand Alone and Platforms \$5-\$100

<https://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf>

Colorado State University Extension is an equal opportunity provider. Colorado State University does not discriminate on the basis of disability and is committed to providing reasonable accommodations. CSU's Office of Engagement and Extension ensures meaningful access and equal opportunities to participate to individuals whose first language is not English.

Colorado State University Extension es un proveedor que ofrece igualdad de oportunidades. Colorado State University no discrimina por motivos de discapacidad y se compromete a proporcionar adaptaciones razonables. Office of Engagement and Extension de CSU garantiza acceso significativo e igualdad de oportunidades para participar a las personas quienes su primer idioma no es el inglés. Col.st/110t3

Created by Mollie Wells SLV Extension