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4-H SETS GOAL OF PREPARING YOUNG PEOPLE FOR SCIENCE

SOUTHEAST AREA—Two traditional projects - rocketry and electricity - offered by the Colorado 4-H program enhance the goal of reaching one million youth in science, technology, engineering and math (STEM).

Model rocketry is a popular Colorado 4-H project allowing young people to learn about launch trajectory, basic aerospace principles, aerial photography and rocketronics.

An impressive conclusion to the 4-H model rocketeer's 4-H year, the rocket fly day at the Colorado State Fair, has 4-H members gauge wind velocity, wind direction, altitude and canopy size to try and land as close as possible to the launch pad.

Patience and attention to detail are just two of the important life skills developed as 4-H members design and construct their rockets.

Electrical circuits, electron flow and construction of simple electric motors are just a few of the basics that 4-H members in the electricity project learn. More advanced levels teach them about electrical codes, electricity safety and electronics.

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**Southeast Area
*Extension***

**County Extension
Offices**

Baca County
772 Colorado St.
Springfield, CO 81073
719-523-6971

Bent County
1499 Amb. Thompson Blvd.
Las Animas, CO 81054
719-456-0764

Cheyenne County
425 S. 7th W.
P. O. Box 395
Cheyenne Wells, CO 80810
719-767-5716

Crowley County
603 North Main St.
Courthouse Annex
Ordway, CO 81063
719-267-5243

Kiowa County
1305 Goff
P. O. Box 97
Eads, CO 81036
719-438-5321

Otero County
411 N. 10th
P. O. Box 190
Rocky Ford, CO 81067
719-254-7608

Prowers County
1001 S. Main
Lamar, CO 81052
719-336-7734

Many 4-H members in this project have expanded the standard 4-H curriculum to develop advanced electrical systems.

If your child is interested in joining 4-H or you would like further information on the 4-H program, please contact your local CSU Extension Office; Baca County 719-523-6971, Bent County 719-456-0764, Cheyenne County 719-767-5716, Crowley County 719-267-5243, Kiowa County 719-438-5321, Otero County 719-254-7608, Prowers County 719-336-7734. 4-H is a cooperative effort between CSU Extension and the County.

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