



## 4-H Youth Development Curriculum Kits Available in Guilford County Extension Office

All curriculum kits are available for checkout from the Guilford County 4-H Office. They are free to use, however we ask that you replace any consumables (ie.: paper, cotton balls, etc) and keep kits for a maximum of 2 weeks. A fee of \$20 will be charged for late returns as well as charges for consumables that are not replaced and damaged or broken equipment. These curriculum kits are available for checkout from the Guilford County 4-H Office.

Request a Kit: <https://go.ncsu.edu/requestakit>

Curriculum Kit	Grade Level	Description
Acres of Adventures	3-5	A Curriculum designed to increase agricultural literacy while developing understanding, appreciation and application of science through activities.
Biofuel	6-12	Students will learn about alternative fuel
Bionic Arm Tech Xcite	3-8	Students will gain awareness of impairment and learn to build a bionic arm.
Bristle Bot	3-8	A hands on experience of build a bristle moving robot
Bug Out	2-5	A series of insect based activities that emphasize experiential, hands on learning with the goal of increasing understanding and appreciation of insects.
Cooking with the Sun	3-12	A sun absorption curriculum with the end goal of building a solar oven.
Dairy Day	k-12	Curriculum of all the aspects of dairy, where it comes from and what dairy products a person can make.
Eco Wonders	3-8	Activities for ecosystems
Energy	6-8	A curriculum designed to learn energy

Transformation		conservation and Transformation.
Happy sacks	k-1	Team building games and activities.
Health Rocks	3-12	A healthy living program series aimed to reduce tobacco, alcohol and drug use in youth, families, and communities.
I am an Ecosystem	3-8	A 5 Day hands on curriculum discussing the cells and microbiology.
Jet Toy Car	3-5	An engineering curriculum to Build a jet car.
Junk Drawer Robotics	3-12	Encourages youth to use process and approaches of science in the planning and engineering of a robotic arm that moves.
Know & show Sombrero	3-8	Plants for people. Students will make there own sombrero using recyclable materials, grow grass.
Magic of Electricity	4	Hands on grade appropriate curriculum to problem solve, examine, and evaluate information regarding magnetism use.
Mission to Mars	1-5	Students will learn about astrology, our stars, and planets.
Murder Mystery	6-8	A curriculum for students to learn steps to solve a crime and forensics education.
No soil Just Water	3-12	Hydroponic plant growing, where children make their own hydroponic plant kit
Pet Pal	k-8	Master copy of ages and stages of pet animal development along with learning about companion animal.
Pre- FLight	3-5	Hands on Aerospace activities with end goal of building a rocket.
Project Learning Tree:	k-12	Education on everything outdoors, plants, and animals.
Racing with the Sun	3-12	Curriculum on solar energy with goal to build a solar powered car
Reaching new Heights	3-8	Curriculum to build a rocket ship

