

Brunswick County Enrichment



4-H School Enrichment is a program sponsored by the North Carolina Extension Service. The goal of school enrichment is to give students in private, public, and home school settings a chance to have “hands on” experiences in many different curriculum areas. All of the below curriculum have objectives that align with the grades standard course of study.

Teachers are invited to participate in a hands-on curriculum training that will enable them to use any 4-H curriculum in their classroom. Curriculum training can be scheduled for grade levels.

Please contact Morgan King, Extension Agent, 4-H Youth Development, 910-253-2610 or mhking3@ncsu.edu or Angie Lawrence, 4-H Associate 910-253-2610 or angie_lawrence@ncsu.edu for more information.

Kit	Curriculum	Grade	Description
Yes	Be A Bone Builder	K, 5th	Students will gain an understanding of calcium sources, how much calcium is needed, and what causes osteoporosis
Yes	Strawberry Garden	K-5th	Lessons available for each grade level. Allows them to explore the life cycle of a plant and parts of the plant.
Yes	Embryology	2nd	Students will build an understanding of the needs of living organisms. Understand the different life cycles.
Yes	Butterfly Study	2nd	Students will gain an understanding of the different life cycles through the study of butterflies. *Only if you also do Embryology.
Yes	Bug Out	2nd	Students will observe insect behavior and raise meal worms to study their structure, function and lifestyle.
No	Soil Solutions	3rd	Explore the interdependence of plants and soils--students will gain an understanding of nutrients, pollution, and soil types.
No	Steps to Health	3rd	Students will learn about each food group, taste different foods, and demonstrate some new exercises.
Yes	Magic of Electricity	4th	Magnetism, serial and parallel circuits, conductors and the flow of electricity will be demonstrated by your students.
No	Health Rocks and Less Stress on the Test	4th-8th	Students will look at causes of peer pressure, media influences, drugs and their effects, and learn stress management techniques.
Yes	Microbiology	5th, 8th & High School	Students will explore the human body as ecosystem and the role that microbes play. Students will look at what is a microbe, what is their job, and how do they effect the body.
No	Vermicomposting	5th	Students will explore a micro-community, containing producers, consumers, and decomposers.
Yes	Energy Transformation	6th	Illustrates the transfer of heat, interaction of matter and energy, conductors, and insulators.
Yes	Power of Wind	7th	Participants will be able to explain energy transfer and transformation and conservation of mechanical systems.

Other Curriculum

Kit	Curriculum	Description
Yes	Rain to Drain (Middle School)	Students gain a better understanding of the movement of storm water in natural and developed communities, and a great introduction to green infrastructure and stormwater best management practices
Yes	Solar Energy—Racing with the Sun (4th-8th)	Introduces youth to solar-power by letting them design a solar car. They will explore how solar panels generate electricity by measuring the maximum voltage the panels can generate in different lighting situations. Then they design, build, and race a solar car with optimum performance.
Yes	Junk Drawer Robotics (4th– 8th grades)	Youth will learn about the engineering design method and build robots from everyday items.
Yes	Eco-bot challenge (4th—8th grades)	Youth build and test an autonomous robot, called an ecobot, to clean a simulated environmental spill.
Yes	Marshmallow Catapult Challenge	This hands on challenge guides youth through engineering a catapult to launch a marshmallow.



All materials will be provided by the Brunswick County 4-H program through funding from Brunswick County Government. Kits can be checked out by teachers to use for instruction or the Brunswick County 4-H will provide materials and instruction.