

4-H Natural Resource

Inputs

- Land Grant University Support
- County Extension administrators and agents, program coordinators, and specialists
- Training in NR & sustainability issues
- Extension administrators, LGU and Extension faculty and staff
- Federal, state & private funders
- Partners (Other Federal agencies, science museums, youth organizations, etc.) collaborating
- Evaluation materials

Situation

People, animals and plants are dependent on our Earth's natural resources. Everything from the air we breathe, to the water we drink, to the soil we use for food production – these resources are vital to our existence. Therefore, it's important that we care for and respect these resources. Understanding how our daily choices affect our environment, we can conserve natural resources and protect our environment for present and future generations.

Outputs

- KY 4-H counties conduct non-formal education learning activities for youth and volunteers in afterschool, enrichment, 4-H clubs and day and summer camp workshops
- Select and develop 4-H NR curricula
- KY counties teach youth about opportunities in natural resources related to careers
- Train staff, youth and volunteers support 4-H NR programs
- Local 4-H clubs develop partnerships with organizations, and collaborations.
- More county programs support NR clubs (in-school and afterschool).

Assumptions

We are dependent on earth's natural resources. Everything from the air we breathe, to the water we drink, to the soil we use for food production – these resources are vital to our existence. Therefore, it's important that we care for and respect these resources. Understanding how our daily choices affect the environment is key. By making a few simple changes in our day-to-day routine, we can conserve natural resources and protect our environment for present and future generations.

Outcomes – Impact

Short Term

- Youth will develop an interest in environmental science and sustainable practices and technologies..
- Youth will gain knowledge of the interrelationship and interdependencies with an ecosystem.
- Youth will identify the natural resources that are used within their home and community.

Medium Term

- Youth will make decisions in their daily lives that positively impact natural resources.
- Youth will adopt practices to conserve and protect the environment in their home and community.
- Youth will use problem solving and logical reasoning skills and apply them to environmental issues.

Long Term

- Youth will use scientific techniques, responsible practices and innovative technologies that will positively sustain the natural resources in the home, community and world.
- Youth will engage in community projects related to natural resource conservation.

External Factors

Youth experiences in an education setting, learning scientific research techniques, responsible practices and innovative technologies that positively address environmental issues such as air and water quality, land use, carrying capacity, product life cycle, and ecological sustainability will help sustain the environment for future generations.