4-H Agriculture
Logic Model

Inputs

What we *invest*
- Program resources: Curricula, LVC, HVC, Skill-a-thon, Dairy Quiz Bowl, Hippology
- Human resources: Extension professionals, certified volunteers, episodic volunteers, producers
- Funding: Program Support, local funding, KDA, 4-H Councils, grants
- Partners: UK, KDA, KFB, KCA
- Equipment: laptops, printers, WiFi
- Facilities: Extension Offices, Fairgrounds, KFEC, State Parks, Retreat Centers

Situation
Situation: Agriculture is Kentucky's largest employer and accounts for the greatest amount of revenue in Kentucky's economy. Every person in Kentucky is impacted by Agriculture every day in the foods that they eat and the fibers that are used in their clothes, homes, work places and vehicles.

Outputs

What we *do*
- Club meetings, workshops and learning activities designed to expand the knowledge base of 4-H members
- Judging Contests
- Skill-a-thons, Quiz Bowls, Hippology Contests
- Field Trips
- Showmanship Contests
- Shows and competitive events

Who we *reach*
- 4-H members
- Certified Volunteers
  - Livestock, Dairy, Country Ham
  - Horse

Outcomes – Impact

Short Term
- Youth will gain knowledge and skills in the production of food and fiber in the areas of plant science, horticulture and animal science.
- Youth will gain and understanding of healthy and sustainable food systems.
- Youth will develop valuable life-skills, including decision-making, communications, record-keeping, leadership and service.

Medium Term
- Youth will practice and apply skills and knowledge in the production of food and fiber in the areas of plant science, horticulture and animal science.
  Youth will adopt and practice skills that contribute to employability.
- Youth can explain the role of agriculture in daily life to others.
- Youth will set a goal and accomplish it.
- Youth can influence the purchase of Kentucky Proud products
- Youth can practice entrepreneurship skills related to agriculture and food systems.

Long Term
- Youth will engage in entrepreneurial enterprise.
- Youth will gain and maintain employment through life skill development.
- You will be advocates for agriculture and healthy and sustainable food systems.

Assumptions
The importance of Kentucky agriculture extends well beyond the farm and has significant impact on the economy of the commonwealth. The total economic impact of agriculture production, inputs, processing and manufacturing is nearly $46.4 billion and represents 263,000 jobs in Kentucky. Historically, employment associated with Kentucky agriculture has been limited to production. This sector's value in Kentucky is $6.1 billion and includes cash receipts from commodities as well as revenues from additional sources of farm incomes, such as custom work, machinery hire and farm rental values. Cash receipts totaled nearly $5 billion. This impact does not include service-baed industries such as banking, insurance, legal sectors or the $10 billion impact of forestry and wood products and the more than 51,000 jobs that support it. Livestock and livestock products account for about half of Kentucky's farm income.

External Factors
Exports continue to play an important role in Kentucky agriculture. $2 billion in agricultural exports were reported in 2011, with soybeans, tobacco and corn being the leading export commodities.