Utah Agriculture in the Classroom Preservice Teacher Workshop Logic Model
Theory of Change Program based on the Social Science Theory of Self-Determination Theory

Situation: Generations of rural-urban migration has led to a disconnect between consumers' knowledge of agriculture, food sources, and agricultural policies. As a result, there is limited involvement by urban and non-farming populations in agricultural policy discussions that ultimately affects food availability and choices, health and wellbeing, and overall quality of life. Therefore, there is a need to improve agricultural literacy and facilitate a well-informed population capable of contributing to agricultural policies discussions and decisions affecting all individuals. The AITC preservice teacher program seeks to improve the agricultural literacy of youth (future adults) and equip them with the competency to engage in national policy discussions and decisions impacting agriculture.

Inputs
- Funding
- AITC Staff
- Instructional resources addressing state standards
- National Agricultural Literacy Outcomes
- USU Extension leadership support
- University elementary education professor support
- Stakeholder support

Activities
- Develop workshop program (selection of resources and activities to share)
- Pack and organize materials for workshop
- Update website as an archive for the curated resources shared
- Conduct preservice workshops

Outputs
- Elementary preservice teachers at five undergraduate institutions
- Professors at undergraduate institutions

Participation

Activities

Outcomes – Based on the
Short: After Workshop
- Increase agricultural knowledge related to the National Agricultural Literacy Outcomes of preservice teachers
- Develop a more positive attitude toward agricultural practices and processes
- Develop a greater appreciation for what agriculture provides
- Increase self-efficacy to implement Utah AITC resources to address educational standards
- Intend to implement curriculum and resources agriculture as a context for teaching subject matter

Medium: 1-3 teaching
- Increase self-efficacy to use agriculture as a context for addressing curriculum standards
- Continue to use or intend to use agricultural literacy resources (e.g., UTAITC website and newsletter)
- Increase agricultural literacy among their students each year

Long: 3+ years teaching
- Participants continue to use agricultural literacy resources and/or develop their own standards-based resources to increase agricultural literacy among their students
- Participants will have the ability to understand agricultural issues
- Participants and their students make informed decisions and contribute to ag policy discussions influencing policy

Assumptions
- Preservice teachers are looking for resources to use in their classroom.
- Funding will be consistent and continue.
- National Agricultural Literacy Outcomes is a valid measure of agricultural literacy.
- Institutions will continue to allow Utah AITC staff to deliver the program.
- Preservice teacher curriculum does not change.
- State curriculum continues to allow the use of Utah AITC resources.

External Factors
- National Agricultural Literacy Outcomes do not change.