

V. Appendices

Appendix 1. Summary of Outcomes, Outputs, Activities, Inputs, and Evaluation.

Expected Outcomes	Outputs	Activities	Inputs	Evaluation/ Monitoring Plan, Measurement Methods
<p>Short-term: Pre-service teachers: 1) will gain experiential understanding of the concept of sustainability 2) will apply their understanding of sustainability through a real-life sustainable agriculture experience.</p>	<p>1) Develop / implement an inquiry-based, experiential sustainable agriculture training for pre-service teachers. 2) Host 1-2 three-day learning workshop for pre-service teachers. 3) Involve 3 to 6 schools, a min. of 25 pre-service teachers, up to 2,500 K-12 students in Sust. Ag. Education.</p>	<p>1) coordination among UMD-SAP, UMD Dept of Education, DCGP and LSSFA to use each groups expertise and develop a program that aligns with the mission of each organization 2) Pre-service teachers will document and collect achievements through ePortfolio</p>	<p>1) Resource packets will be assembled /developed using available research, resources and adaptations for pre-service teachers 2) UMD-SAP demonstration school garden/orchard; other local models of sustainable farming practices.</p>	<p>1) Participants formally document learning and assess obstacles and opportunities for K-12 integration using ePortfolio. 2) project coordinator and partners will meet regularly to access project progress and effectiveness.</p>
<p>Intermediate-term: Pre-service teachers' use school gardens /orchards to: 1) integrate sustainable agriculture with student learning in all subjects. 2) engage K-12 student in active learning specific sustainable agriculture practices .</p>	<p>1) regional conferences presentations. 2) professional publication(s) 3) websites of collaborators and sustainable agriculture organizations. 4) Brian Bluhm's master's thesis.</p>	<p>1) Pre-service teachers will practice using sustainable agriculture in curriculum while student teaching. 2) Formalization of relationships among UMD-SAP, UMD Dept of Education, DCGP and LSSFA to ensure continue the training in future years.</p>	<p>1) New resources, lessons, and activities created based on review of pre-service teachers' ePortfolio's and self-assessments by the collaborator organizations.</p>	<p>1) Participants formally document learning and assess obstacles and opportunities for K-12 integration using ePortfolio. 2) project coordinator and partners will meet regularly to access project progress and effectiveness.</p>