

## Ohio 4-H Foundation Grant Impact Report

Title of Grant: Way Cool Waypoints

Applicant Name & Title: Sally McClaskey, Program Coordinator

Unit Reporting: Licking County Extensions

Amount Funded: \$12,200.00

Amount Used: \$12,188.65

Grant Funds Remaining: \$ 11.35

Calendar Year of Grant: 2008

Type of Grant (please mark all that apply):

<input checked="" type="checkbox"/> X-State Grant	<input checked="" type="checkbox"/> X-Priority Area Grant
Cashman Grant	Lewis/Barnhart/Jenkins Grant
Cleveland Grant	Ebling Urban Extension Grant
Helt Family Grant	Nationwide Volunteer Development Grant
Sauder Grant	Wadlington Grant
Ulrich Grant	

**Please use as much space as needed to answer the following requests for information.**

Please give an overview of your project. Assume the reader knows nothing about the program.

This project was designed to introduce 4-H youth to GPS/GIS technology by using handheld GPS units for geocaching based at 4-H camps throughout Ohio. A GPS unit is an electronic device that can determine the user's approximate location on the planet by locking onto the signal of a network of satellites. Geocaching is an outdoor treasure hunt that uses GPS waypoints (positions) to find caches or hidden surprises.

Seven GPS/GIS kits were purchased from Iowa State University Extension that contained GPS handheld devices, compasses, lessons/activities and software. All Ohio 4-H camps were given the opportunity to complete a grant application to receive the kits. In exchange for the kit, camps agreed to send two representatives (preferably one being a volunteer) to a day-long "train the trainer" session on April 11, 2008 at the Ohio 4-H Center. Following the training, it was the responsibility of each camp's representatives, to train individuals in the counties served by their camp. Eight applications were received. Two were declined due to the limited number of youth who would be involved (request came from individual counties). Six camps received kits and sent representatives to the training: Camp Clifton, Camp Graham, Camp Ohio, Camp Palmer Camp Piedmont, and Camp Whitewood. The seventh kit was placed at the Nationwide

and Ohio Farm Bureau 4-H Center for use by any county or 4-H group that would like to check it out to use for GPS activities.

Please list the objectives of the project and evaluate the measurable objectives achieved. Explain how you measured those objectives.

In keeping with national 4-H SET mandates, this project will:

- Help youth achieve science and technology proficiencies outlined by 4-H Science, Engineering and Technology (SET) mandates and National Science Education Standards that foster development of science and technology skills. These include the fundamental abilities to: identify a problem, state a problem, design a solution, implement, evaluate and communicate the solution.
- The nation SET goal is to reach 1 million new youth with science and technology in the next five years. Ohio's 4-H SET team is committed to reaching 5,000 of those youth. This project has the ability to reach a large portion of those youth by accessing them at 4-H camps. In 2006, almost 48,000 youth attended 4-H camps. GPS at Camp will provide a direct link to youth with SET activities.
- This program will extend beyond the summer months by allowing counties to checkout GPS kits and utilize the mapping technology for projects on a local basis.

Evaluations and usage logs were developed and placed in a notebook received by in-service participants. Youth at camp met the first goal by participating in geocaching activities that were including in the training (see sample attached). The number of youth participating is cited in the next section, assisting us in meeting the second goal. Documentation of the third goal is on-going. Camp program staff was asked to record usage by counties and educators have been encouraged to make their 4-H members aware of the availability of the kits.

Describe the population(s) or target audience(s) served. List how many individuals benefited or were impacted by this program.

There were two target audiences. The first was camp staff and the second were 4-H campers. This is detailed below:

GPS Training – 11 participants (camp staff and volunteers)

Camp Participation (youth campers)

Camp Clifton - 135

Camp Graham – 486

Camp Ohio – 1217

Camp Palmer – 289

Camp Piedmont – 230

Camp Whitewood – 1048

Which of the 8 critical elements were realized in the program and how was this accomplished?

- » An Inclusive Environment
- » A Safe Environment
- » Opportunities for Mastery
- » Engagement in Learning
- » Opportunities to Value and Practice Service to Others

Youth completed the GPS activities at 4-H summer camp programs, which are open to all and are certainly a safe environment for you. The majority of participants were new to this technology and mastered the basics of GPS operation. The experiential nature of the sessions allowed youth the opportunity to be engaged in a hands-on learning situation. Participants (both campers and in-service participants) were encouraged to extend what they learned by taking their GPS experience back to their 4-H clubs and include them in using GPS/GIS technology in community service projects.

Provide a **detailed** budget and actual expenditures. Original receipts or copies are not necessary, but be sure that your expenditures are detailed with specific dollar amounts.

Income

Grant	\$12,200.00
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Expenses

GPS/GIS Kits	\$11,900.00
Parking passes (in service)	40.00
Vito's (in service lunch)	134.25
Marc's (in service snacks)	15.79
Staples (in service supplies)	41.31
Wal-mart (in service supplies)	57.30

TOTAL	\$12,188.65
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Sally A. McClaskey (submitted electronically)  
Grant Recipient Signature

December 12, 2008  
Date