Activity Information

Title: **STEAM Afterschool Programs**

Abstract:

Building Tiny Homes for Homeless Adults

This 16-week program (January 3 – April 3) paired 18 students with a team of engineering, architecture, and construction professionals to build a moveable "eco-village" for a homeless community in West Dakota.

In collaboration with the Jack Hammer Cooperative, a local nonprofit, teens built personal and secure shelters for residents to sleep, a solar power hub that will allow for lighting and warm water at night, composting latrines and a community cook space. Students learned design theory and basic carpentry skills. They also increased their understanding of renewable technology, such as smart heating systems and photovoltaic systems that produce solar power. Together with two electrical engineers, the students installed power systems and learned how to produce and interpret technical drawings. As a result of this program, 12 homeless individuals have access to moveable and secure housing.

Ode to Water

This 8-week program (May 1 – July 1) paired 18 students with 10 university students studying environmental science, communications and fine arts (sculpture, new media, and painting) and resulted in an exhibit at the Watertown Public Library's Exhibition Room (reserved for rotating exhibits). On average, students met once per week for an average of 1.5 hours.

The purpose of the program was to blend science, technology, engineering, and art. Together with their university mentors, students explored topics related to water resources, such as water properties, water quality, water use, and saltwater intrusion. Students produced sculptures, video shorts, computer games, and poetry. These works were on display beginning June 30, 2014.

Intent: **Improve users' formal education**

Activity: (select one)	Mode: (select one)	Format: (select one)
☒ Instruction	☒ Program	☐ Virtual
	☐ Presentation/performance	☒ In-person
	☐ Consultation/Drop-in/Referral	☐ Combined in-person & virtual
	☐ Other:	☐ Other:
☐ Content	☐ Acquisition	☐ Digital
	☐ Creation	☐ Physical
	☐ Preservation	☐ Combined digital and physical
	☐ Description	
	☐ Lending	
	☐ Other	
☐ Planning & Evaluation	☐ Prospective	☐ In-house
	☐ Retrospective	☐ Third party

☐ Procurement	N/A	N/A

Quantity Information:

If "Activity – Mode" combination = "Instruction – Program":
    Session length (minutes):**90**
    Number of sessions in program:**24**
    Average number in attendance per session:**18**
    Number of times program administered:**1**

If "Activity – Mode" combination = "Instruction – Presentation/performance":
    Presentation/performance length (minutes):
    Number of presentations/performances administered:
    Average number in attendance per session:

If "Activity – Mode" combination = "Instruction – Consultation/drop-in/referral":
    Total number of consultation/reference transactions:
    Average number of consultation/reference transactions per month:

If "Activity – Mode" combination = "Content – Acquisition":
    Number of hardware acquired:
    Number of software acquired:
    Number of licensed databases acquired:
    Number of print materials (books & government documents) acquired:
    Number of electronic materials acquired:
    Number of audio/visual units (audio discs, talking books, other recordings) acquired:

If "Activity – Mode" combination = "Content – Creation":
    Number of items digitized:
    Number of items digitized and available to the public:
    Number of physical items:
    Number of open-source applications/software/systems:
    Number of proprietary applications/software/systems:
    Number of learning resources (e.g. toolkits, guides):
    Number of plans/frameworks:

If "Activity – Mode" combination = "Content – Preservation":
    Number of items conserved, relocated to protective storage, rehoused, or for which other preservation-appropriate physical action was taken:
    Number of items reformatted, migrated, or for which other digital preservation-appropriate action was taken:
    Number of preservation plans/frameworks produced/updated (i.e. preservation readiness plans, data management plans):

If "Activity – Mode" combination = "Content – Description":
    Number of items made discoverable to the public
    Number of collections made discoverable to the public
    Number of metadata plans/frameworks produced/updated

If "Activity – Mode" combination = "Content – Lending"
    Total number of items circulated:
    Average number of items circulated / month:
    Total number of ILL transactions:
    Average number of ILL transactions / month:

If "Activity" = "Planning & Evaluation":

Number of evaluations and/or plans funded:
Number of funded evaluation/plans completed:

If "Activity" = "Procurement":
Number of equipment acquired:
Number of acquired equipment used:
Number of hardware items acquired:
Number of acquired hardware items used:
Number of software items acquired:
Number of acquired software items used:
Number of materials/supplies acquired:
Number of acquired materials/supplies used:

Partner Types

Please identify the area(s) in which your partner organization(s) operates.
☐ Libraries
☐ Historical Societies or Organizations
☐ Museums
☐ Archives
☐ Cultural Heritage Organization Multi-type
☐ Preschools
☒ Schools
☐ Adult Education
☒ Human Service Organizations
☐ Other

Please identify the legal type of the partner organization(s) for this project
☐ Federal Government
☐ State Government
☐ Local Government (excluding school districts)
☐ School District
☒ Non-profit
☐ Private Sector
☐ Tribe/Native Hawaiian Organization

Beneficiaries

Is the activity directed at the library workforce (includes volunteers and trustees)? ☐ Yes   ☒ No

If "Yes" Skip to "Locale"

If "No":

Is the activity for a targeted group or for the general population?
☒ Targeted Group   ☐ General Population

Which best describes the geographic community of the targeted group?
☐ Urban   ☒ Suburban   ☐Rural

Select one or more of the following activity target age groups.
☐ All Ages
☐ 0-5 years
☐ 6-12 years

☒ 13-17 years
☐ 18-25 years
☐ 26-49 years
☐ 50-59 years
☐ 60-69 years
☐ 70+ years

If "General Population" selected above, skip to "Locale".

If "Targeted Group" selected above:

If the activity is directed at those in one or more of the following economic situations, select one or more.
☒ People who are living below the poverty line
☐ Unemployed
☐ Not Applicable

If the activity is directed at ethnic or minority populations, select one or more.
☐ American Indian or Alaska Native
☐ Asian
☒ Black or African American
☒ Hispanic or Latino
☐ Native Hawaiian or other Pacific Islander
☐ Not Applicable

Is the activity directed at families?   ☐ Yes   ☒ No

Is the activity directed at intergenerational groups (does not include families)?
☐ Yes   ☒ No

Is the activity directed at immigrants/refugees?   ☐ Yes   ☒ No

Is the activity directed at those with disabilities?   ☐ Yes   ☒ No

Is the activity directed at those with limited functional literacy or informational skills?
☒ Yes   ☐ No

Is the activity directed at groups that fall into a category not already captured?
☐ Yes   ☒ No
If "Yes", please describe.

Locale

Is the activity statewide?   ☐ Yes   ☒ No

If "Yes":
Institution Types (enter #s):
Public Libraries:
Academic Libraries:
SLAA:
Consortia:
Special Libraries:
School Libraries:
Other:

If "No":

Can you identify specific institutions?   ☒ Yes   ☐ No

If "Yes":
  Institutions:
    Name: **Watertown Public School**
    Address:**301 E Pier St**
    City: **Northwest Dakota**
    State: **WD**
    Zip: **60901-3864**
If "No":
  Institution Types (enter #s):
    Public Libraries:
    Academic Libraries:
    SLAA:
    Consortia:
    Special Libraries:
    School Libraries:
    Other: