

Jennifer L. Gasser and Mary M. Buchenic The Solar Sisters

It all began with a Mission Trip...

Analyze the problem: The SOCIAL programs required retooling and adjustments for each audience

Opportunities first present themselves, as problems!



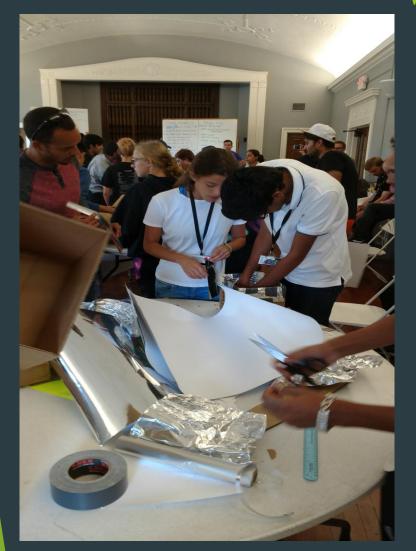


Looking at 15 months of program data: 75% SOCIAL - 25% ACADEMIC

97 TOTAL PROGRAMS PRESENTED 25,620 TOTAL PEOPLE - VISIBILITY

DOMESTIC		TOTAL	
PROGRAMS	# DAYs	VISABILITY	
	76	24,026	
INTERNATIONAL		TOTAL	
PROGRAMS	# DAYs	VISABILITY	
	21	1,594	

Examine Innovative Solutions and Strategies:



What didn't work and WHY?

Evaluate the existing

Program Recipe:

- Pre program assessment Manage expectations using an evaluation tool. Be a good listener.
- Deliver the program promised
- Create extensions for upper level thinking and challenge
- Evaluation
- Repeat

CONSOLFOOD 2018

The E.D.G.E. Method

*BSA Created Method

A simple, practical, reliable, useful and versatile instructional method.



Explain

Demonstrate

Guide

Enable (Extend, Explore, Enhance, Engage, Examine, Evaluate)

SOLUTION: Increase the offering to 4 different programs:

MIX AND MATCH COMPONENTS

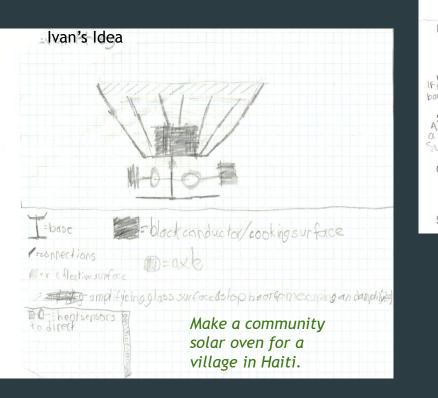
Explain: SOLAR SUITCASE Demonstrate: SOLAR SNACKS Guide: MAKE IT AND TAKE IT Enable: PERSONAL EXTENSIONS

EXTENSIONS: Work on real world problems through innovation, creation and re-design.

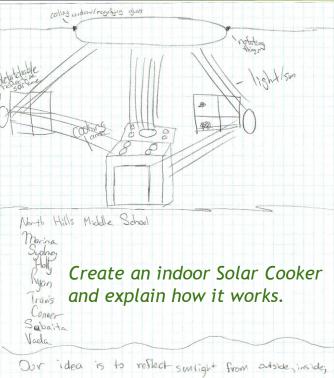
STUDENT WORK

Take one word and relate it to solar cooking impacts in sun rich, economically developing regions of the world.

HOW CAN THE USE OF SOLAR OVENS IMPACT THE FOLLOWING?



WOMEN preamont feep any maithy STABILITY Always have Source of Un COMMUNITY	TIME SAVINGS Do Things While it's cooking EDUCATION Teach you how the cook and how strong the sun may be. SAFETY	FINANCIAL Don't have (1) pay as much for electrical bill MOBILITY You can take it where ever you go! FOOD	LEADERSHIP TEOCH OTWOS NOW TO USE BUSINESS Sell it to those in Wied CHILDREN	HEALTH Kitt Watter-barne Itimsses GROWTH CHOICES
SUSTAINABILITY	RENEWABLE	RESOURCES	CULTURE	FUTURE
	Charlend Foil Chur Louding Down Charlos building odd) Thirt has a line in the disk so av care rathe the sp subput out two for day. Charle Charle Charle			



using a series of magnefiging circles.

EVALUATION TOOL

12 Dimensions of Success Program

Features of the Learning Environment

Organization Materials Space Utilization

Activity Engagement

Participation Purposeful Activities Engagement with STEM

STEM Knowledge and Practices

STEM Content Learning Inquiry Reflection

Youth Development in STEM

Relationships Relevance Youth Voice

Business Model - The Hub and Spoke



Geographic regions:

60 - 70 miles in each direction of the HUB creates spokes. The wheel must have no fewer than 5 spokes.

Drop a pin: United States, Haiti, Pakistan and Kenya



Recap: HOW TO DEVELOP PROGRAMS TO PROMOTE SOLAR COOKING (without a target audience)

- Create a variety of programs for individual markets
- Experiment learn by trial and error
- Brand the goods or services offered
- Market "social good" and career components
- Think transformational
- Be a problem solver
- Find a good evaluation tool
- Celebrate successes with others

THANK YOU for the opportunity to share my topic with you today. I appreciate your time and attention.

QUESTIONS?