CREATING PROGRAMS TO PROMOTE SOLAR COOKING

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The Solar Sisters

It all began with a Mission Trip...
Opportunities first present themselves, as problems!

Analyze the problem: The SOCIAL programs required retooling and adjustments for each audience.
Looking at 15 months of program data:

*75% SOCIAL - 25% ACADEMIC*

97 TOTAL PROGRAMS PRESENTED
25,620 TOTAL PEOPLE - VISIBILITY

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<tr>
<th>DOMESTIC PROGRAMS</th>
<th># DAYs</th>
<th>TOTAL VISABILITY</th>
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<td>24,026</td>
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<td>1,594</td>
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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
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.

Ivan's Idea

Make a community solar oven for a village in Haiti.

Create an indoor Solar Cooker and explain how it works.
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
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?