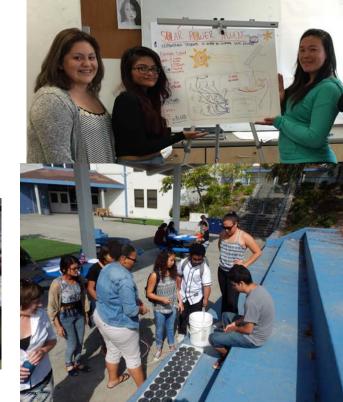


What if kids could save the world?





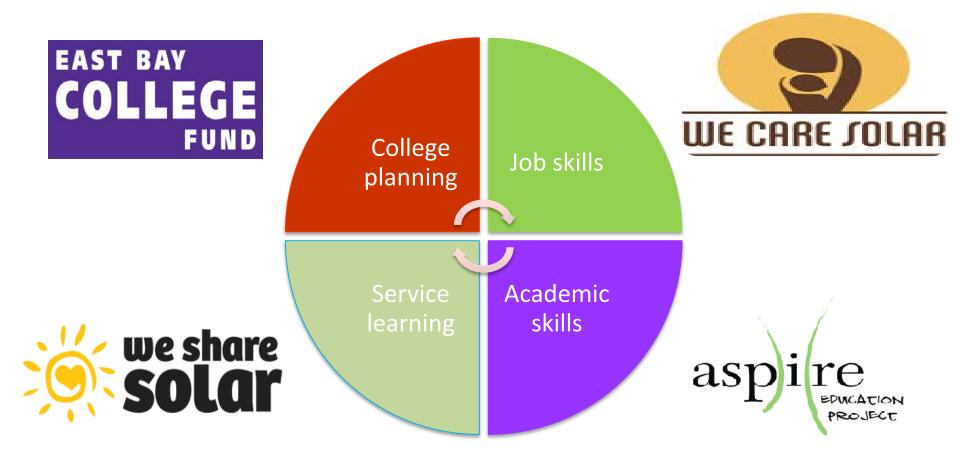




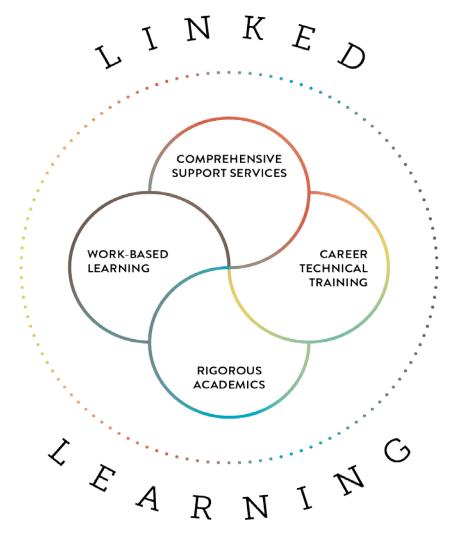
Educational Pathways into College and Career (EPICC)



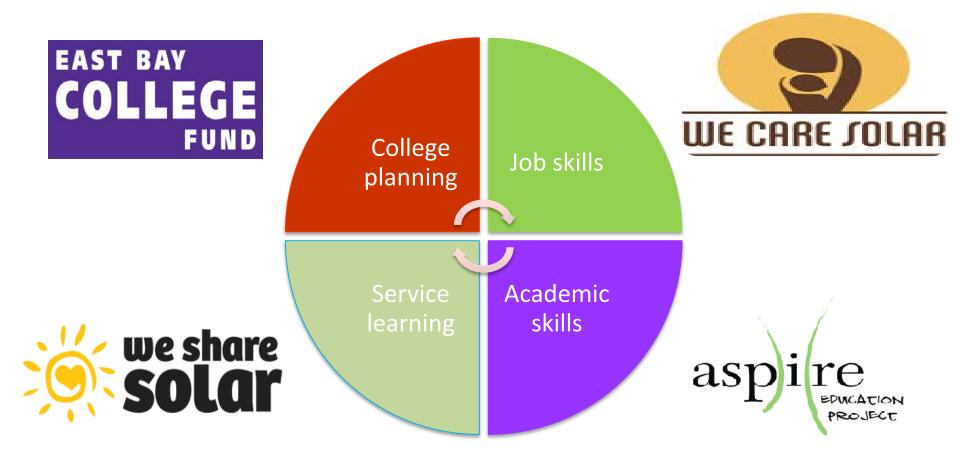
OUR PARTNERS

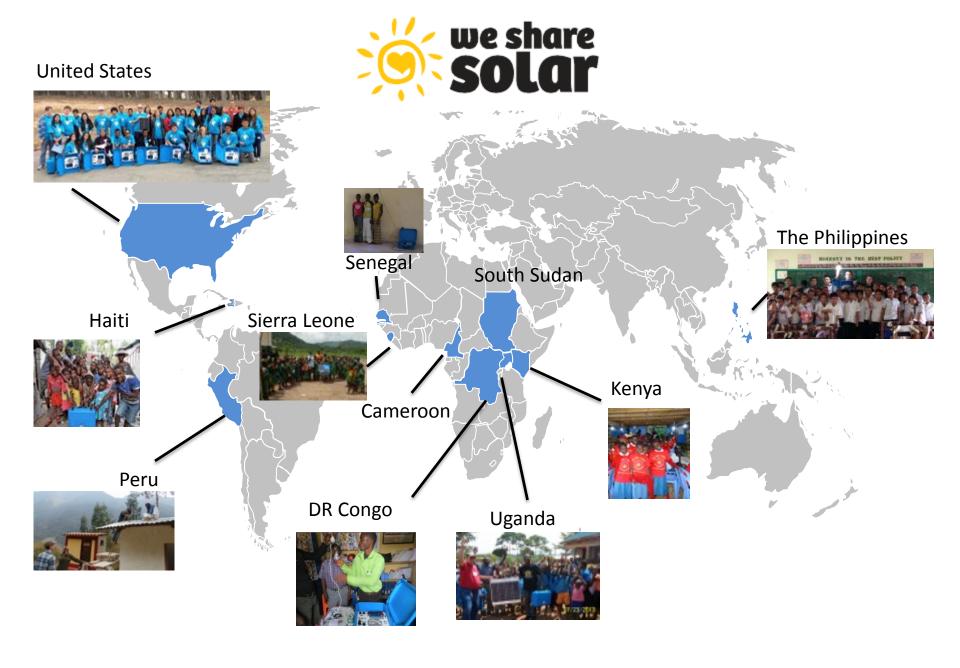


THE FOUR CORE COMPONENTS



OUR PARTNERS





The problem and solution

Limited light





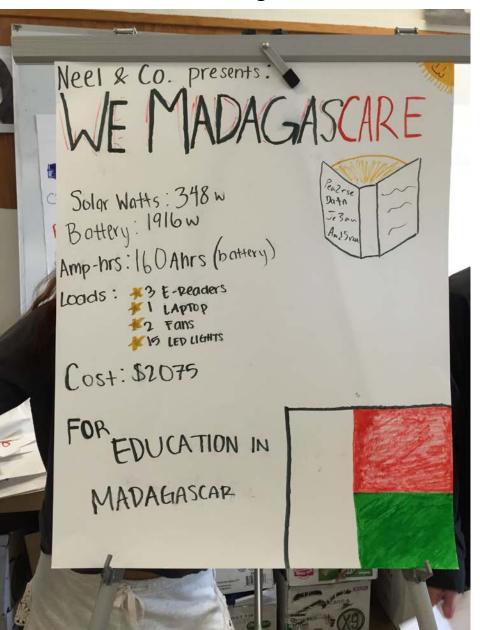
Solar power



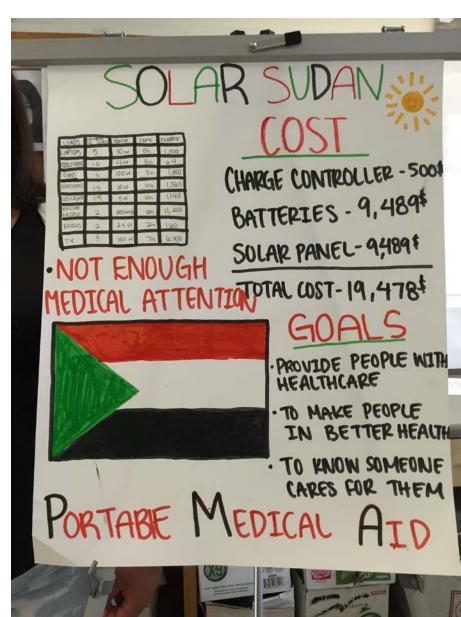




Education in Madagascar



Portable Medical Aid in Sudan



Solar Suitcase Assembly & Commissioning

Wiring

Assembly &Tool Skills

Commissioning

Letters

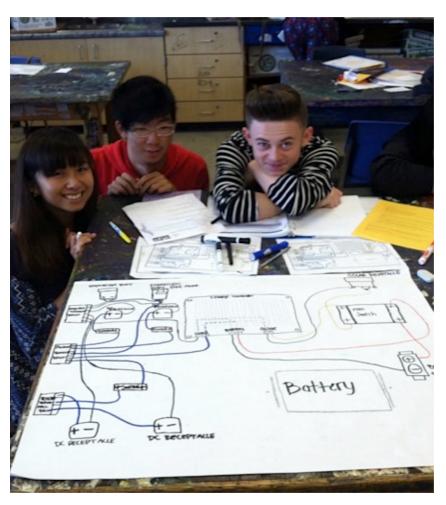


Solar Electric System Design

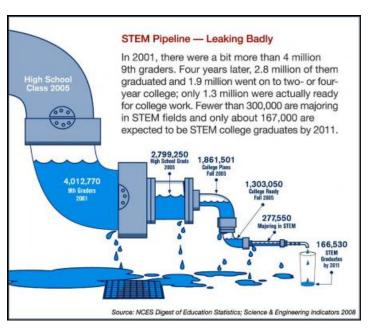
Stand-Alone System Overview of the system

Wiring Diagram

- Simplify circuit: solar charging circuit, load powering circuit
- Components



Math is a gatekeeper



More than a third of Cal State freshmen ill-prepared for collegelevel math, English

Adolfo Guzman-Lopez

February 19 2014



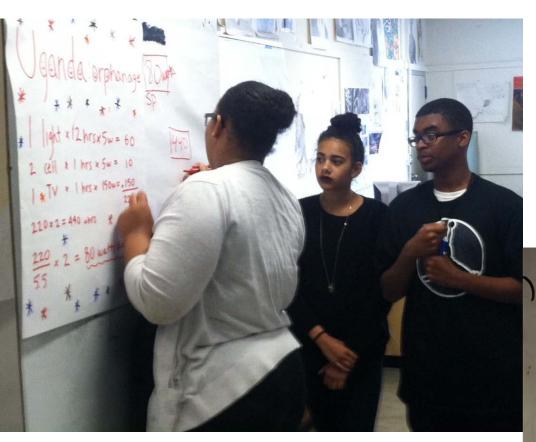
Math is a gatekeeper to higher education

Community College Students Struggle to Pass College-Level Math



Inspire kids to Aspire in math





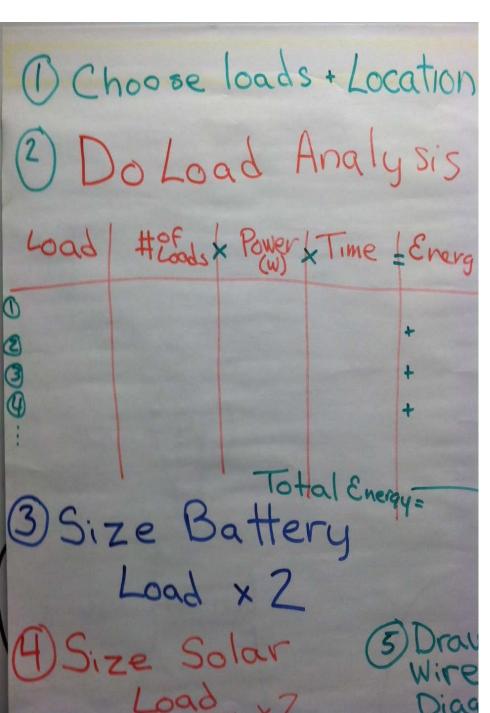
A transistor radio operated by a 9V battery that supplies it with a 50mh current. If the cost to run the battery is \$0.90 per hour + it lasts for 300 hours, what is the cost per Kilowat hour (KWh) to operate the radio?

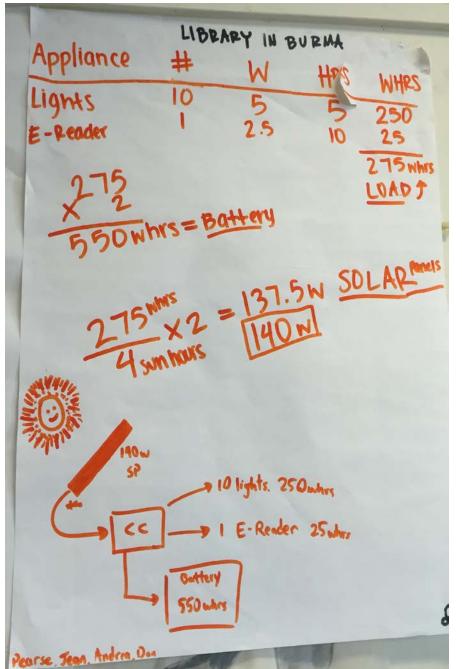
2) A heater draws 15 A from a 120V source. It's operated 5 hours each day.

a) How much power does the heater use in Kilowolls (KW)

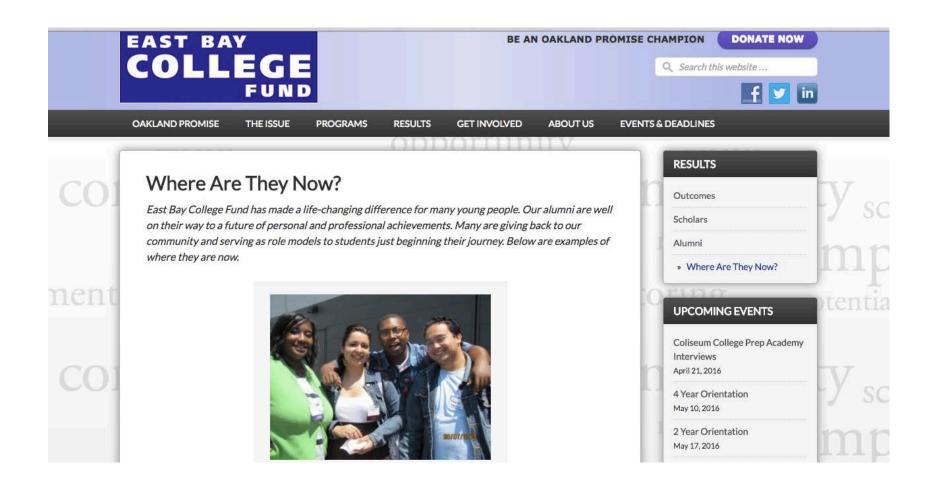
b) How much energy in KWh does it use in 30 days?

c) At \$10.08 per kWh, what does it cost to operate the heater in 30 days?





Support for and through college



collège (school school corres 19 . H & years tregoirementions gostion lajot all tall loss : 10/20 . s. : must graduate from h/sv ? : SHT or ACT apply to admission and get accepted . Holistic review A-6 : No D's Private confege-flexule but rigorous colfolistic review 2010 to towns of Degrees from 4 year · GPA . Test score " Activities to the B.S. B.A . Study abrow · Personal statement · Extra-curricular activies le Research Oppurtunities of hotom when is borous and a Campus Living Collège Prep: Extra or year of an A-6 required class Be specific that to dache Colleges w/ Popular STENI maia

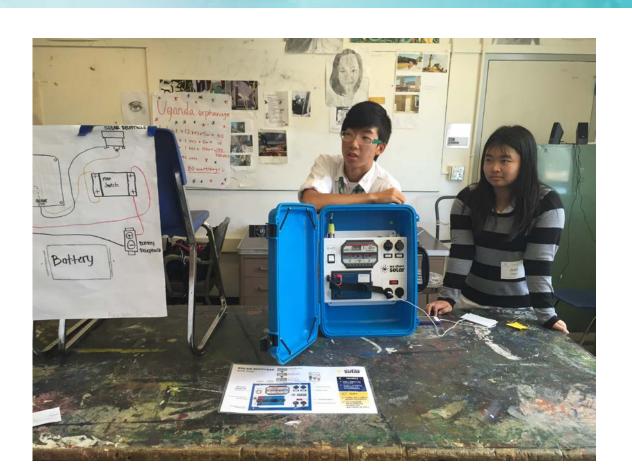




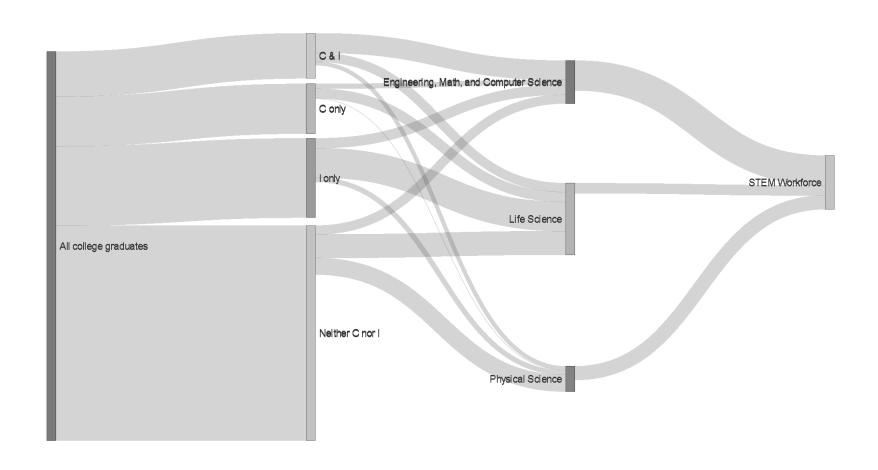
ACCESS COLLEGE-LEVEL RESOURCES

EXPAND CHOICE OF ELECTIVES

SAVE TIME AND MONEY



Multiple Pathways to STEM



Find us around! We'd love to talk more...

- Ardice Hartry (PI) UC Berkeley
 - hartry@berkeley.edu
- Joanna Totino (Co-PI) UC Berkeley
 - jtotino@berkeley.edu

- Rosio Pedroso (Evaluator) Pedroso Consulting
 - rosio@pedrosoconsulting.com