Cookstove Challenge!!!

2.S999

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MCM Presentation Scores

![Bar Chart]

- **Chosen MCM**
- **MCM Validation**
- **Concept Feasibility**
- **Integration and Final Prototype**
- **Partner Engagement**

- Swach Purifier Improvement
- Drip Irrigation Pumping/Power
- Bullkey Traction
- Genset Sound Isolation
- Drip Irrigation Filtration

*Note: The chart shows scores ranging from 0.00 to 5.00 for each category.*
What you did well

• Identified MCM and did testing/validation to show its feasibility
• Good combo of theory and experiment

Areas for improvement

• Get continual feedback from your partners - do design reviews with them as well as asking for information from them
• Plan for time to build proof-of-concept prototypes for the final presentation. Need to demonstrate concept, but don’t need to make product-ready prototype

• Final presentations on 12/12
Today: Get to know and test your stove!

During class today do the following:

• Each team will get a stove: BioLite, Envirofit, Darfur, 3-Stone, Charcoal
• You need to bring one liter of water to boil
• Calculate the energy used and the energy put into the water
• Think about user-centered aspects of the stove, including how “clean” it is
• Think about design/manufacturing that could be improved
• Think about using the stove indoors in a kitchen
• Feel free to ask us for help
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Monday (11/25 or 12/2): Stove review

Each team needs to come to class with the following info:

• Efficiency of your stove
• What would it be like to use indoors in a kitchen?
• How clean is it?
• How could the design be improved?
• Compare and contrast with cookstove readings