A THREE-DOLLARS CARDBOARD PANEL SOLAR COOKER FOR LOW INCOME COMMUNITIES

Prof. Elmo Dutra Filho, MSc

Sunny Cooking Fogões Solares – Porto Alegre – RS – South Brazil
At first... parabolic solar cookers... a fever...
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But Celestino Ruivo came to Brazil... and things changed...
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A panel solar cookers works great! Slow Cooking… You will need a black pan and a greenhouse effect to cook!
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So I research a Three dollar cheap panel solar cooker made of cardboard from waste material. You can use aluminum foil, plastic gif bags, potato chips bags, Mylar from emergency blankers...
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Fun Panel Solar Cooker. Original from Teong Tan. Resized by Bernhard Muller and Celestino Ruivo
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*Modelo funil- “faça você mesmo”*

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**Setting up the cooker**

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Fig. 1 Cooking with: a) high sun angle, and b) low sun angle
You must cut two rectangular cardboard sheets, making an "L"
You must cut two rectangular cardboard sheets, making an “L”

Side of panel solar cooker

- Double sided tape
- PVA glue line
You must cut two retangular cardboard sheets, making an “L”
Promoting Solar Cooking in poor communities – Morro da Cruz - Brazil
Promoting Solar Cooking in poor communities – Morro da Cruz - Brazil
Thank you!!! Ask me my card!

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