



# SOLAR OVEN WORKSHOP

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**Explaining the solar box oven in an ecology festival.**



**Solar box oven workshop for ecology students.**





**Spreading white plastic glue to fix a flap on a side of the smaller, inner, cardboard box.**



**Fitting the inner cardboard box into the outer, larger box.**



**Gluing aluminum foil inside the inner box.**





**Preparing paper insulation to fill the space between the inner and the outer cardboard boxes.**



**Providing wooden and air space insulation for the metal tray.**





**Painting the metal tray black with spray paint.**



**Painting the aluminum pots with black spray paint.**





**Tacking a sheet of plastic onto the wooden frame of the lid. Cross wires over the frame prevent the upper plastic sheet from sagging onto the lower sheet in the double lid system.**





**Draping sheet plastic over the entire oven to cut the right size from the roll. It forms the upper part of the double lid system.**



**Stretching the top plastic sheet over the whole outter box.**





**Solar box oven ready to cook food in the two black pans.**





**Whole potatoes and rice with carrots cooked and ready to eat.**



**Sliced sweet potatoes and rice with soy grits ready to eat.**





**Pan in a wire and wooden frame in a panel solar cooker. The plastic bag that envelops the frame and pan assemblage has been removed.**