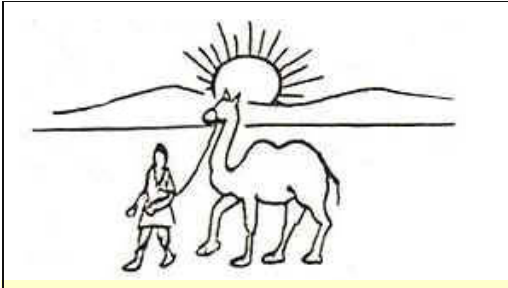


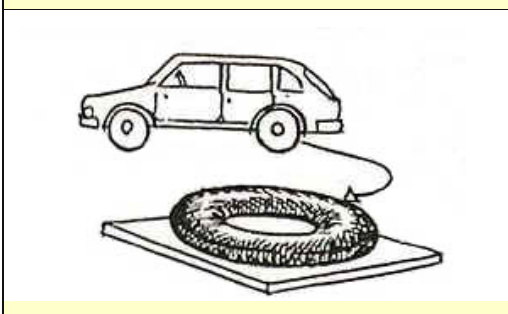
# The Tire Cooker: cook and sterilize without power!

Suresh Vaidyarajan, who found a simple solution for a tough problem, designed this solar cooker. For the last few years he has been cooking his food in this solar cooker. This is the simplest solar cooker Mayday DC ever saw. We hope it helps those without power. Be well and aid each other!

Solidarity! Mayday DC: [www.maydaydc.mahost.org](http://www.maydaydc.mahost.org)



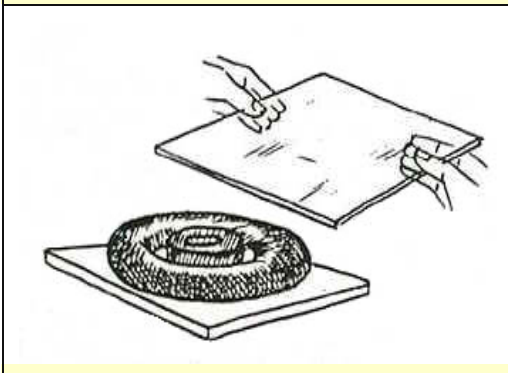
1. There is a tremendous shortage of wood, kerosene and fuel and electrical power for cooking. When power is not accessible can we not use the tremendous heat of the sun to cook food?



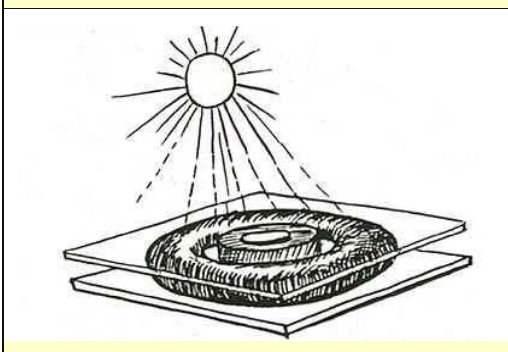
2. Take an old car tube. If the tube is punctured get it patched. Inflate the tube and keep it on a wooden board.



3. Take an aluminum cooking vessel with a lid. Paint it black from the outside. Put all the ingredients for cooking **a healthy meal**- rice, pasta, beans or legumes etc, salt, water etc. in the cooking pot.



4. Place the cooking vessel inside the tube. Cover the tube with a piece of plain glass. Within three hours the **meal** will get cooked.



5. What happens? The place in the well of the tube is a closed cavity. Air neither goes out nor come in. The rays of the sun enter the glass and get trapped. Slowly, the temperature of the cooking vessel rises and the **meal** gets cooked. It can also cook water for sterilization! Keep water in for longer then 1 hour or until it can melt wax.