Make A Solar Scorcher (Fresnel Lens) Frame

Categories : DIY

How to build the Solar Scorcher

The Solar Scorcher in action, burning and melting stuff...

This DIY solar scorcher (Fresnel Lens) is so powerful that it produces a 2,000-degree ray of heat, that instantly sets wood alight. With a focused beam it can also melt sheet metal!

It could be used for cooking boiling water etc and I am sure it has some other genuine uses (fire starting and melting stuff etc), but I am mostly just featuring it as it is pretty cool and it seriously demonstrates how the power of the sun can be harnessed into something that's crazy powerful. This DIY project was made with the panel out of an old TV and some low cost wood; the whole thing cost less than $8 to build.

(Photo from: Grant Thompson - "The King of Random")