

Student Name(s):

Student Email(s):

School:

Summary:

We created a solar oven made out of glass and aluminum foil with a cardboard door. We painted the outside to attract heat to the solar oven. The foil reflects heat and light inside the oven, causing the inside to get hot. Solar ovens convert solar energy into radiation hot enough to cook food within the oven.

Supplies/Materials:

Cardboard, aluminum foil, glass aquarium, duct tape, glue gun, black paint, paint brushes.

Procedure:

First, we coated the inside with aluminum foil

We created a cardboard door to close the oven

Then we coated the outside with black paint.

The afterward we proceeded to add panels on three of the sides with aluminum on the inside.

*Pictures attached below



