



Name: _____

Class: _____ Date: _____

Make a Solar Oven

An activity of "When will we say goodbye to coal?"

Read the article "When will we say goodbye to coal?" (page 15, *What's Up* August 2021) to find out about coal (a non-renewable energy source) versus sources of renewable energy.

1) From the *What's Up* article, list any three downsides of using coal.

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2) The article mentions energy options that are less harmful to the environment. What are three sources of renewable energy?

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3) Watch this video on how to make a solar oven and tap the sun's power.

"Little Scientist #6: Homemade Solar Oven" ➤ <https://youtu.be/HFwXPkI5OtU>
(KLESF, 2020)

4) In groups, brainstorm ways to improve the design presented in the video.

5) Draw and label your design here.



6) List all the materials you will need and assign team members to bring them.

Materials	Team Member

7) Build your solar oven and present it to your class. Melting chocolate marshmallows on cookies is a great way to test out in your oven.

8) You can have a friendly competition with other teams (on a sunny day, of course) to see which oven cooks the fastest!