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Physical Science

My Solar Oven

In the back of the classroom, I saw a box that I later found to be a solar oven. I was so fascinated by the way we could harness the sun to bake and cook almost anything. After knowing how the solar oven works, it really captivated my attention because I wanted to see if I could build my own solar oven. This way, the food will taste better, the process of making the food will be more interesting.

Right off the bat, Solar Ovens have more to offer when baking. With Solar Ovens, the moisture stays within the oven, so the food does not burn. Even though the food does not burn, you still need to keep a track of how long it is in the oven as the food can dry out. Keeping the food moist will enhance the flavor of the dish. Cooking with a Solar Ovens can also cook almost any kind of food, but its limitations are that it cannot fry anything. Otherwise, Solar Ovens offer more flavorful and delicious food compared to an electric oven.

In addition, Solar ovens are also environmentally friendly as it does not cause air pollution or exhausting natural resources for solid fuel. It is also an inexpensive way to cook your meals.

Most solar ovens are able to reach the same level of temperatures as an electric oven. Most solar ovens are also portable which can be useful when traveling or camping.

When examining both features of the Solar and Electric Ovens, I believe I can take both beneficial attributes of the ovens to create my own oven. As I research and learn more about how to create these different ovens, I will be able to harness the superior qualities of both ovens. After

grasping the good qualities of the ovens, I can add my own designs to make an even better oven altogether. I am very excited to research more on this project and learn how to build my own oven.

Sources:

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