SNC2D Project – Solar Cooker Name:

Your project is to research, design, and build a solar cooker using household products. You are NOT expected to go out and buy expensive materials for this task. You will be setting the outcome goal for your solar cooker, which will be reflective of the materials you have for building and testing. The table below is to help guide you with this project.

Project Goals: (establish what you want your solar cooker to achieve upon completion)

Examples
- Melt a few chocolate chips
- Melt some ice
- Maintain a difference between air temperature and cooker temperature of 5, 10, or 15°
- Boil water (very ambitious)
- Other

Building Materials: (list what you used to create your cooker)
- Cardboard box
- Plastic lid
- Tape

Research (list the URL, website, books where you found your ideas)

https://www.homesciencetools.com/article/how-to-build-a-solar-oven-project/

Building Images: (photos or hand drawn images to illustrate what your solar cooker looks like, and how it was built, 2 – 4 images embedded and sized appropriately)

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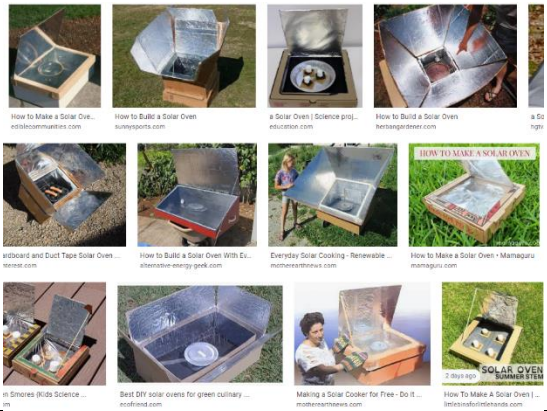

Observations: (what aspects of your solar cooker worked well, what aspects would you change to improve it's performance)

- It was amazing, I cooked a full meal on it, so happy

Analysis: (did your solar cooker meet your goals, highlight why or why not)

- Inside heated up nicely, using a black cooking pot seemed be the key
- Add comments and observations for a **February** trail, a **March** Trial, and an **April** trial

Submission Outline:

1. Fill in the template on the ONENOTE platform, include photos there, OR