



SUSTAINABLE TEACHING CURRICULUM
LESSON PLAN

Baking with the Solar Cooker

Primary Subjects- Science

Objectives:

- Students will learn how to harness the power of renewable energy in everyday life.
- Students will learn the importance of solar power.

Materials:

- 6 packages of tollhouse pre-made cookie dough (number of packages depends on number of students so use discretion)

Introduction to Lesson/ Anticipatory Set:

- “Today we are going to bake in our solar oven.”

Major instructional Sequence:

- Split the class up into two groups and put cookie dough pieces in solar cookers
- Eat the cookies once baked!

Concluding Sequence:

- Discuss how renewable energy can do many more things than just make cookies! In some places, solar power provides energy for an entire city.

Observations:

This lesson plan allows students to see first hand how renewable energy sources (like solar and wind power) can be as effective as the conventional types of energy that they are accustomed to baking with. This is a way to bake cookies with out emitting any pollutants.

Vocabulary:

Solar- having to do with the sun

Solar cooker- an oven that uses the power of the sun to cook things instead of electricity