Weekly ELA Homework Name:_____

Monday

1. Is the passage fiction or nonfiction? _____
2. How do you know? _____
3. Make a prediction before reading the passage.

   _____
4. Read the passage.
5. What is the Author's Purpose for writing this passage? (Persuade, Inform, Entertain)

   _____
6. How do you know? Use evidence from the text.

   _____

Tuesday

1. Reread the passage out loud to an adult.
2. What questions do you have about this passage? (Do not write "None.")

   _____

   _____
3. Make a text-to-self connection to the passage.

   _____

   _____

Wednesday

1. Reread the passage silently in your mind.
2. Write down one word from the passage that you didn't know, or that you found interesting. _____
3. What is the definition of that word?

   _____
4. What text features were part of this passage?

   _____
5. How did the text features help you to better understand the text?

   _____

Thursday

1. Answer the comprehension questions that go with the text, Solar Oven.

Read the following passage about how to make a solar oven. Then answer questions 37–44 on your answer sheet.

Solar Oven

by Greg Tracey

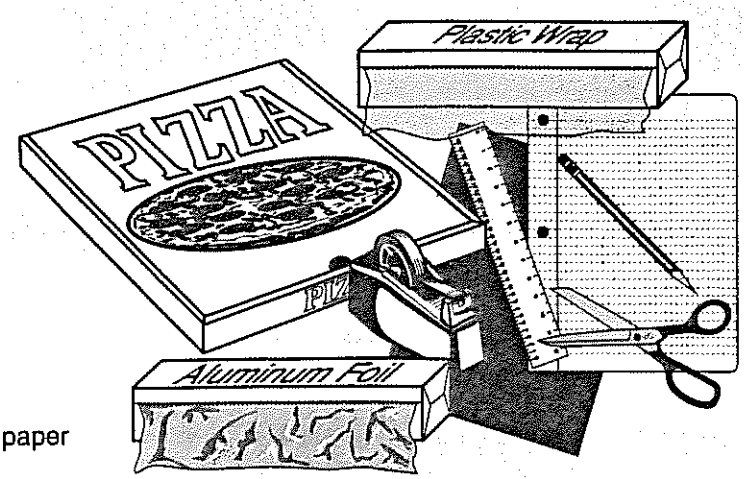
Solar energy is the power of the sun that reaches the earth. People are learning more and better ways to use solar energy every day. Solar energy is clean. It does not make the air or water dirty like gas or coal. Some people get all the power they need to heat and power their homes by using solar collectors. Solar collectors are made from a special material that catches and stores solar energy. Because the sun shines everywhere, anyone can use solar energy.

One way to use solar energy in your own backyard is with a solar oven. How is a solar oven different from most home ovens? It collects solar power to cook food instead of using gas or electricity. In the 1830s, a British scientist named John Herschel first used a solar oven during a trip to Africa. He showed the people there a new way to cook food.

People can use solar ovens where there is no electricity. It cuts down on the need for firewood, especially in hot places where there is no need to build a fire for heat. A solar oven is also cleaner, safer, and cooler than cooking over a fire. The following directions will show you how to make your own solar oven.

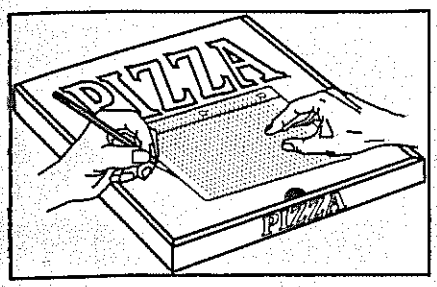
You Will Need—

- Pizza box
- Clear plastic wrap
- Aluminum foil
- Tape
- Scissors
- Notebook paper
- Pencil
- Ruler
- Black construction paper

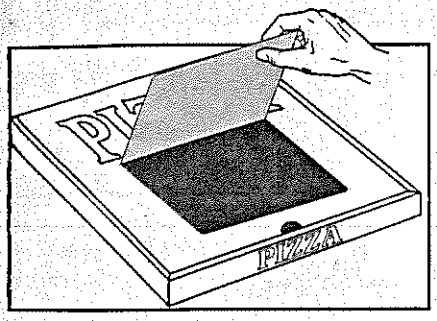


Directions

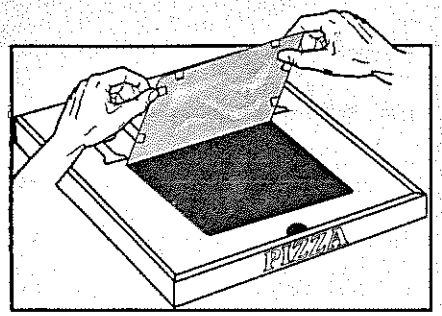
1. Put the paper on the pizza-box lid. Trace around three sides of paper facing the front and sides of the box.



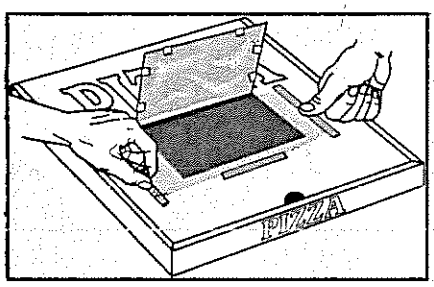
2. Cut along the lines to make a flap. Gently fold the flap back.



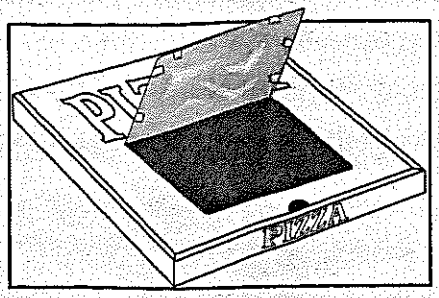
3. Cover the underside with foil. Leave enough foil to pull to the outside of the flap. Tape the foil firmly to the outside of the flap. Since foil is very shiny, it reflects sunlight. So the foil in your solar oven will catch the sun's rays and direct them into the box.



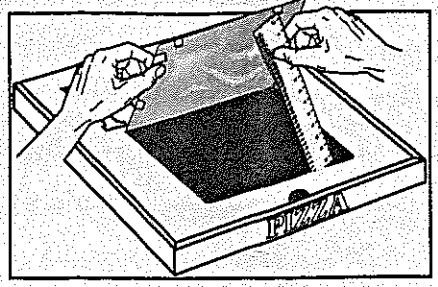
4. There will be a big hole in the box after you cut out the flap. Cover this hole with plastic wrap. Be sure that your piece of plastic is larger than the hole. Tape the edges to the box top. This will make a plastic window. The plastic window will allow sunlight to get in, but it will not let hot air get out of the oven.



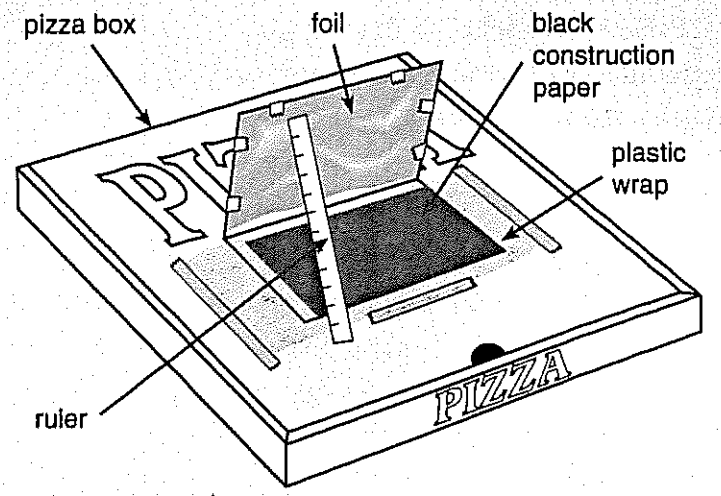
5. Put the sheet of black construction paper inside the pizza box. Make sure that it is lined up with the window. The black paper will absorb the sun's energy and help heat up the inside of the box.



6. Close the box top, but not the flap. Stand the ruler up between the hole and the flap



You're done! It will take about twice as long to cook something in your solar oven as it would in the oven in your house. But solar power is free, unlike the gas or electricity that powers indoor ovens.



37. How are a solar oven and a home oven different?

A Not everyone is able to use solar energy.

B The solar oven does not use electricity.

C The home oven was discovered in Africa.

D The solar oven is not able to cook food.

38. What is the most likely reason the author included drawings with this passage?

A because directions should always have drawings

B to help make the directions easier to understand

C to show that making a solar oven is a big project

D because the drawings show the exact size of the oven

39. What is the main reason you should cover the window in the solar oven with plastic wrap?

A to keep the foil in place

B to help cut the box

C to hold in the hot air

D to keep the food clean

40. The main purpose of the black construction paper is

A to heat up the inside of the box.

B to protect your eyes from sunlight.

C to decorate the pizza box.

D to reflect the sunlight.

41. After you close the box top but not the flap, you should

A prop the flap open with a ruler.

B trace around three sides of the paper.

C tape the foil so that it stays in place.

D put black construction paper in the box.