

EARTH

3

In 1986, which fast food chain started using biodegradable packaging? Today, some of their suppliers use trucks that run on biodiesel made from their cooking oil.

- a. Corn
 - b. Fossil fuels
 - c. Nuclear power plants
 - d. Red Bull
- a. McDonald's
 - b. Wendy's
 - c. Krusty Krab
 - d. Burger King

2

In 1970, what government organization, which studies the environment and sets air & water standards, was established?

- a. Energy Planning Administration
 - b. Ecological Peace Authority
 - c. Environmental Protection Agency
 - d. Ethical Panda Act
- a. Tesla
 - b. Toyota
 - c. Hummer
 - d. Chevrolet

CELEBRATE

6

In 2008, which car company released its first fully electric vehicle that could travel more than 200 miles (320 km) on a single charge? Since then, electric vehicles have grown in popularity.

7

In 2015, more power was produced from wind, solar, and other clean energy sources than from what widely used energy source(s)?

8

In 2020, more than 1 billion people across the world will celebrate the anniversary of what environmental movement?

- a. 100th anniversary of Women's Suffrage
 - b. 75th anniversary of end of WWII
 - c. 50th anniversary of Earth Day
 - d. 100th anniversary of Band Aid
- a. carbon fracking catalysts
 - b. chlorofluorocarbons
 - c. crazy funcoils
 - d. cadmium ferric citrate

WEEK

4

In 1996, chemists found safer substitutes for ozone-destroying CFCs, which were used in hair sprays, deodorants, and household cleaners. What does CFC stand for?

1

In 1970, Americans celebrated the first Earth Day on April 22. How many people from all over the U.S. participated?

- a. Over 5,000,000
- b. Over 20,000,000
- c. About 1,000,000
- d. About 550,000

5

In 1999, chemists who developed a safer alternative to the pesticide DDT received what award?

- a. Academy Award for Best Innovation
- b. Nobel Prize in Chemistry
- c. National Medal of Science
- d. Presidential Green Chemistry Challenge Award

CHEMISTS

CCEW 2020 ChemCatcher - 50 Years of Earth Day Trivia

1. Print off this page using the "Actual Size" print setting. Some of the grey lines towards the edges of the page will not appear.
2. Cut off this bottom rectangle so you're left with a square.
3. Fold your paper lengthwise. With your cut into the shape of a square, fold it in half so that the edges line up and you're left with a rectangular shape. Crease the edge so that the fold is defined and secure. Then, unfold the paper back into the shape of a square.
4. Fold your paper widthwise. When your paper has been unfolded back into its original square shape, fold it in half again but this time in the opposite direction of the previous fold. Crease the fold to keep it in place, and then unfold the square again. The square should have a large 'X' going through the center of it now.
5. Fold the corners in towards the center. Work your way around the square, folding each of the corners in towards the center. There should be a rather defined center point as a result of your previous folding, so matching up the four corners in the center should be easy. You should be left with a (folded, obviously) smaller square/diamond shape.
6. Flip the paper over, and fold the corners in again. Flip your folded paper over so that the previously folded corners are facing downwards, and the flat, smooth top side of the paper is facing you. Repeat the aforementioned step of folding all the corners inward to meet at the center. This will once again leave you with a smaller square/diamond shape.
7. Fold the paper in half again in each direction. Your ChemCatcher is in the final stages of folding! Before you finish up the main shape, reassert the creases by folding the paper in half in both directions. This will make the ChemCatcher easier to open up.
8. Pull the tabs towards you. Flip the paper back over, and there should be four small squares that are formed and are open at the corners. Pull these outwards, and the center should fold inwards a bit. Insert your fingers into the empty spaces, and you should be ready to play! For more instructions, visit [https://www.wikihow.com/Make-a-Cootie-Catcher-\(Origami-Fortune-Teller\)](https://www.wikihow.com/Make-a-Cootie-Catcher-(Origami-Fortune-Teller)).



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April 19-25, 2020

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Thanks to the Silicon Valley Local Section of the American Chemical Society for sharing their ChemCatcher idea!