

## Pollution Solution

What is air pollution? Basically, it is dirty air. Sometimes it is also called smog.

Smog is a big environmental problem in our world. Ninety-nine percent of people are breathing air that is dirtier than it should be. But how can we solve such a big problem?

Dan Roosegaarde has some ideas. He created an organization called the Smog Free Project. Dan says he is “on a mission for clean air.”

Dan invented the Smog Free Tower. It is a large tower that sucks pollution out of the air. It is like a giant vacuum cleaner for smog! It doesn’t use much electricity. It is environmentally friendly.

The Smog Free Project uses Dan’s vacuum in different ways. They created a Smog Eating Billboard. The billboard can be used in cities that don’t have a lot of trees.

Monterrey, Mexico has 9,000 billboards. The city turned one into a Smog Eating Billboard. It has been a big success. It gives clean air to 104,000 people every day.

The Smog Free Project also built a Smog Free Bicycle. The bicycle sucks in dirty air and cleans it. Then it spits out the clean air for the bicyclist to breathe.



When Dan sees a problem he doesn't give up. He searches for ways to make it better. He says that it is feels good to "take a problem and transform it into a potential." What will he do next?



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NAME: \_\_\_\_\_ DATE: \_\_\_\_\_

1. What did Dan invent?
  - a. A bicycle that recycles plastic
  - b. A vacuum cleaner for smog
  - c. A way to clean the ocean
  - d. A broom for dirty streets
  
2. How many billboards are in Monterrey, Mexico?
  - a. 99
  - b. 9,000
  - c. 104
  - d. 104,000
  
3. How is the Smog Free Tower environmentally friendly?
  - a. It cleans the air
  - b. It doesn't use a lot of electricity
  - c. It is painted green
  - d. A and B
  
4. What does Dan want most?
  - a. Clean air
  - b. More billboards
  - c. A new kind of bicycle
  - d. A vacuum cleaner

Instructions for teachers:

These questions can be used to assess understanding of the reading passage.

The item in bold is the correct answer for each question.

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