

# Environmental issues: causes, effects and solutions



1

Problem: carbon footprint

Cause:

Effect:

Solution:



2

Problem:

Cause:

Effect:

Solution:



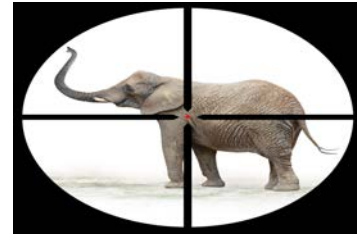
3

Problem:

Cause:

Effect:

Solution:



4

Problem:

Cause:

Effect:

Solution:



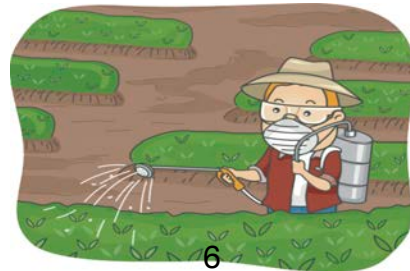
5

Problem:

Cause:

Effect:

Solution:



6

Problem:

Cause:

Effect:

Solution:



7

Problem:

Cause:

Effect:

Solution:



8

Problem:

Cause:

Effect:

Solution:

## Possible Answers

1

Problem: carbon footprint

Cause: people drive cars and fly in planes

Effect: climate change

Solution: people should use public transportation and travel less

2

Problem: deforestation

Cause: cutting down trees

Effect: floods/loss of wildlife. Soil quality etc

Solution: grow trees/protect forests

3

Problem: water crisis/polluted water

Cause: overuse/pollution/global warming

Effect: health problems/ water shortages for farming /industry

Solution: manage water resources/protect forests

4

Problem: Hunting

Cause: sport/animal products (ie. Ivory)

Effect: loss of endangered wildlife

Solution: laws against hunting/ effective enforcement of laws

5

Problem: melting ice cap

Cause: global warming

Effect: rising level of ocean/loss of polar ice caps/ loss of wildlife

Solution: all countries should try to reduce carbon emissions

6

Problem: using toxic sprays for agriculture/farming

Cause: protect plants against pests/disease

Effect: kills wildlife/dangerous for workers/contaminated produce

Solution: ban chemical/toxic sprays

7

Problem: plastic waste

Cause: convenient carrying bags for customers of shops

Effect: kills sealife/ destroys the ocean environment

Solution: persuade supermarkets/shops to stop using plastic containers or legislate to stop them

8

Problem: pollution from transportation

Cause: people use cars/buses/trucks for transportation

Effect: bad for health/contributes to global warming

Solution: emissions controls for cars/ alternatives to transportation using fossil fuels

ie. electric cars/improve public transportation

## Number 1

The first environmental problem that we want to talk about, is our carbon footprint. What is our carbon footprint? Jenny?

This is our CO2 emissions. It's caused by the use of fossil fuels, for transportation. People are driving cars and flying in planes, wherever they want to go.

And the effects, Aria?

The effect is climate change, and extreme weather.

What are some solutions Ashley?

The solution, is for people to use public transportation, and travel less.

## Number 2

OK, let's move onto the problem of deforestation. Causes, anyone? Rosa, go ahead!

This is caused by the cutting down of trees.

Thank you Rosa. William, the effects?

The effects include: floods, loss of wildlife, lower soil quality and so on.

Emily, how about the solution?

The solution is to grow trees, and protect forests.

## Number 3

The problem is the water crisis. There is a shortage of clean water. Ok. Monica!

This is caused by over use of water, by factories and farms. The rivers are polluted. And global warming, means some parts of the world, are becoming drier.

Prabhat, do you want to talk about effects?

Yes! The effects include health problems and water shortages for farming and industry, and, actually for everyone.

Clara, what is the solution?

The solution, is to manage water resources, and protect forests.

## Number 4

The next problem is hunting. Cora, your turn!

This is caused by people who go hunting for sport. And some animal products, such as ivory, can be sold in many countries.

That's right! And the effect is, the loss of endangered wildlife such as elephants and tigers.

Amber, what about solutions?

I think, the solution is laws against hunting and effective enforcement of laws.

Number 5

Okay. Onto the problem of the melting ice cap

Everyone knows this is caused by global warming

Right. And the effect is: the rising level of the ocean, the loss of polar ice caps and the loss of wildlife such as polar bears.

Yes, and I believe the solution is, all countries should try to reduce carbon emissions.

Thank you Eric.

Number 6

The problem is using toxic sprays for agriculture and farming. Brandon?

This is caused by farmers trying to protect plants, against pests and disease.

Alright, Elizabeth, tell me about the effects?

One effect is the accidental killing of wildlife. Also, toxic sprays and insecticides are dangerous for workers. Not only that, the farms may sell contaminated produce.

Eric, do you have another solution?

The solution is simple! Ban chemical and toxic sprays.

Number 7

Everyone is familiar with this problem. This problem is plastic waste. Oh good, Liam!

This is caused by, the convenience, of using plastic bags in shops and supermarkets.

Mitchell, what are the effects of too many plastic bags?

The effect is the killing of sea life, and polluting of the oceans.

Leah, give me a solution!

The solution is: persuade supermarkets and shops to stop using plastic, or, legislate to stop them

Number 8

The last problem is air pollution in our cities. Brandon, do you live in the city?

Yes, I live downtown, and sometimes I can't breathe. Air pollution is caused by people using cars, buses, and trucks, that rely on fossil fuels.

Cora! How do you feel about this problem?

Well, air pollution has a bad effect on our health. Many people in cities have respiratory problems. And, of course, it contributes to global warming

Ok Elizabeth, what do you suggest as a solution?

The solution is, emissions controls for cars. We need alternative kinds of transportation. We need to start using electric vehicles. And we need to improve public transportation.

Ok everyone. Thanks for your contributions to this seminar. See you next week.