

AIR POLLUTION PREVENTION



Teddy is in his office planning a meeting to discuss another environmental issue.

Teddy: Everyone has a problem with air pollution. It's time to have an open discussion about the problem. I will invite ten representatives who live in the air to this meeting. We need to understand each other, so I'll have interpreters for four different languages.

Teddy sends invitations (in appropriate languages) to Fly, Moth, Bumblebee, Locust, Robin, Duck, Raven, Hawk, Ostrich and Sea Gull.

**Invitation to a meeting with Teddy Bear. Where: outside Teddy's office building
When: Thursday, 10:00 am. Topic for discussion: air pollution**

On Thursday at 10 o'clock, Fly, Moth, Bumblebee, Robin, Duck, Pelican, Quail, Hawk, Locust and Sea Gull settle on the ground outside Teddy's office building. Four interpreters are already there.

Teddy: Welcome everyone! Thank you for flying here to this meeting.

Fly: Delighted to be invited!

Robin: Appreciate being asked to this meeting.

Hawk: Thank you for inviting me. I'm usually seen as a predator and left out.

Locust: Nobody thinks of me as an individual, only swarms.

Moth: Glad to be a participant!

Teddy: I really want to hear all your voices as our topic for discussion is air pollution. It's very important not only for you who fly in it, but to everyone who breathes on our earth. Air pollution is contamination of the air from natural or human sources.

Everyone: Yes, yes!

Teddy: Let's begin with the causes of air pollution. What are the human sources of air pollution?
Teddy writes answers on a white board.

Duck: Use of fossil fuels for transportation. All the vehicles, cars, trucks, trains, ships, planes that use gas and release greenhouse gases into the air.

Fly: Power plants and factories.

Ostrich: Oil refineries.

Robin: Aerosol sprays.

Moth: Farming. Methane gas from livestock farming and equipment

Quail: Wood burning,

Bumblebee: Deforestation. Trees absorb and store carbon dioxide. When trees are cut down, they release carbon dioxide and other greenhouse gases into the air.

Teddy: What are natural sources of air pollution?

Sea Gull: Wildfires.

Ostrich: Even volcano eruption.

Locust: Dust blown by strong winds.

Teddy: Good! You've told us all the sources of air pollution – most of it from people. What are the effects of air pollution? How does air pollution affect us?

Quail: All the air pollution hurts us birds.

Moth: And we insects and other animals get sick from it too.

Pelican: It definitely causes lots of health problems for humans.

Bumblebee: Plants and trees don't grow normally in polluted air.

Teddy: Excellent! Now let's discuss what they can do to help. What are some solutions?"

Quail: Reduce use of electricity.

Bee: Reuse instead of buying new things.

Duck: Recycle instead of putting in trash.

Fly: Ride bike or walk instead of driving.

Robin: Use eco-friendly products.

Locust: U R R R R Use, Reduce, Reuse, Recycle, Ride.

Teddy: Yes! Yes! I appreciate all of your knowledgeable input. I will write a report from my notes on the white board. I will also make a poster of what people can do to help with air pollution.

Fly: Teddy, I'd like to thank you for all of us who fly. Thank you for listening to us. Thank you for letting our voices be heard.



Which of my activities pollute the air? What can I do to prevent air pollution?

Problem: air pollution

6R solution:

- *Reduce use of electricity
- *Reuse instead of buying new manufactured products.
- *Recycle instead of putting in trash.
- *Ride bike or walk instead of driving.
- *Restore carbon dioxide-absorbing trees.
- *Regularly use eco-friendly products.

Air Pollution Report

What is air pollution? Air pollution is contamination of the air from natural or human sources.

What causes air pollution? Transportation - using fossil fuels which release greenhouse gases into the air; power plants and factories, oil refineries, aerosol sprays, methane gas from livestock farming and equipment, wood burning. Deforestation - trees absorb and store carbon dioxide; cut down, they release carbon dioxide and other greenhouse gases into the air.

What are the effects of air pollution? Health problems for animals and humans; growth problems for plants.