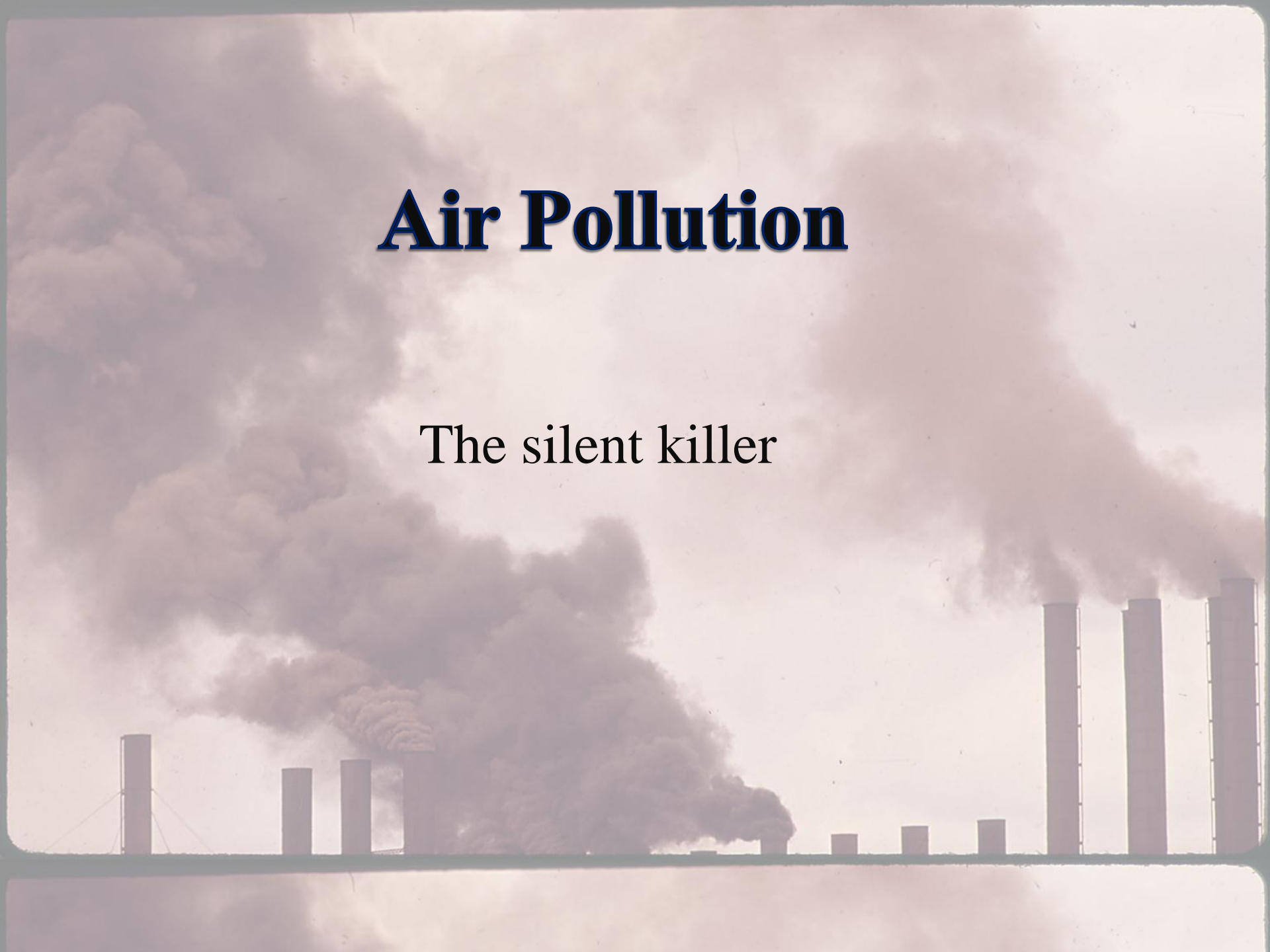


Air Pollution

The silent killer



What is Air Pollution?

Air pollution is a mixture of solid particles and gases in the **air**. Vehicular emissions, Industrial emissions, dust, pollen and mold spores may be suspended as particles. Cities have become the biggest producers and receivers of air pollutions. The air quality index is sub optimal especially during the winter season.

The main reasons include:

- Vehicular emissions
- Greenhouse gases
- Construction
- Burning of waste
- Ancient farming techniques
- and others..

Common Solutions



- Car pool /ask your parents to car pool
- Plant more and more trees
- Compost the household waste
- Avoid burning garbage
- Use newer farming techniques



Activity - What's in my air?

Materials Required

- **Cardboard**
- **A4 sized white sheets (one side used)**
- **Glue**
- **Scissors**
- **Vaseline**
- **Hole punch**
- **Strings/ thread**
- **Permanent markers**



Procedure

1. Find an open area in which you can hang square cut cardboards at your home(balcony, yard etc..)
2. Cut the large cardboard into several squares
3. Paste the A4 sized waste sheet on the cardboard
4. Punch a hole in the top of each piece of board and give them a number (Sample 1, Sample 2....and so on)
5. Tie pieces of string/ thread in the holes
6. Hang the cut outs in different open areas of your choice near/ within your house
7. Put a layer of Vaseline on the paper board and hang them in different places within the area you've decided
8. Click pictures of each cut out separately. (Keep the date in mind/ write the date somewhere in your notes)
9. After 2 weeks again click the pictures of the cut outs and then collect them
10. Prepare a before and after scenario with the help of pictures
11. Record your findings under following parameters:
 1. Color of sheet before and after 2 weeks
 2. Factors responsible for change in color
 3. What can you do to improve the air quality near your house

Do your bit..!

Adopt a tree and nurture it.

Click a picture with the adopted tree and share with us to be featured on our website..!

