



## Air Around Us

Air is all around us. We cannot see the air.  
But we can feel it, when it moves.  
All living things need air for their survival.



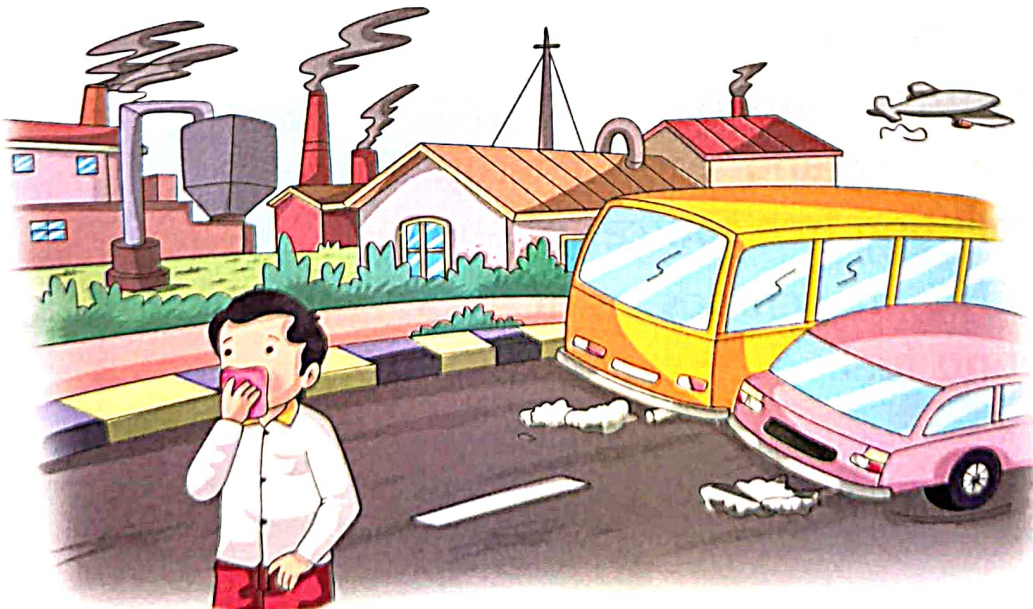
### Air Pollution

Air is getting dirty/polluted because of various things like smoke, dust, dirt and bad odours. This polluted air is harmful for all living things.

Things that pollute the air are called **pollutants**.

### Did You Know ?

If we breathe in polluted air, we get many breathing problems.



### Teacher's Tip

Encourage the children to grow more plants to make the air fresh and clean.



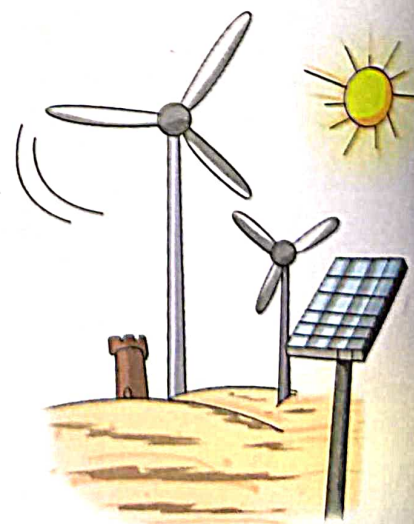
## Causes of Air Pollution

Here are the most common causes of air pollution:

- ✿ Smoke coming out from the chimneys of factories and mixing with the air.
- ✿ Fumes from cars, trucks and other vehicles pollute the air.
- ✿ Smoke due to forest fires and volcanoes pollute the air.
- ✿ Dust and dirt getting mixed with the air.
- ✿ Cigarette smoking and burning garbage adds to air pollution.

## Ways to Reduce Air Pollution

- ✿ Grow more trees as they purify the air.
- ✿ Use car pool so as to reduce vehicles on the road.
- ✿ Reuse things so that no new waste is generated.
- ✿ Do not burn garbage or leaves.
- ✿ Use natural sources of energy such as solar energy and wind energy. These are pollution free sources of energy.
- ✿ Use CNG in vehicles as it is a non-polluting fuel.



## Did You Know ?

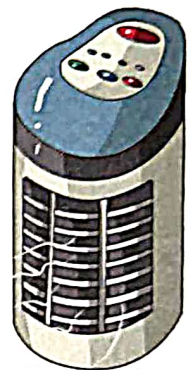
CNG – Compressed Natural Gas is an environment friendly fuel.

## Breathing Problems due to Dirty Air

If we breathe in dirty air, it causes many breathing problems like asthma, nose block, sore throat, cough and cold. All these diseases are caused due to germs and pollutants present in the air.

### How Can we Prevent Cold and Cough?

- ✿ Maintain cleanliness all around you.
- ✿ Cover your nose and mouth with a handkerchief while sneezing or coughing.
- ✿ Never spit in the open.
- ✿ Install air purifiers at home.



Air Purifier

### Let's Recall

- \* All living things need air for their survival.
- \* Things that pollute the air are called pollutants. (pollutants)
- \* We should grow more trees to make the air clean.
- \* We get many diseases if we breathe in dirty air.

### Let's Answer

#### A. Answer the following questions:

1. What is air pollution?

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2. How is air pollution caused?

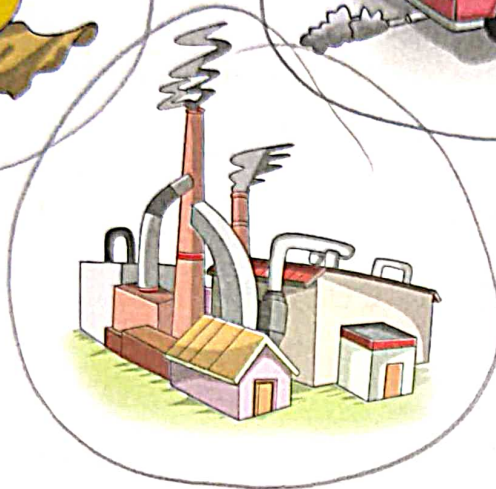
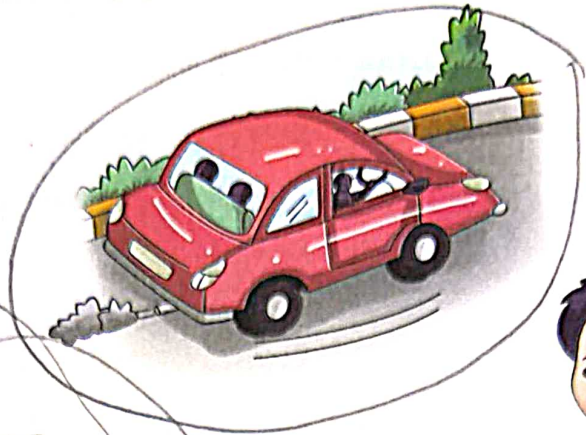
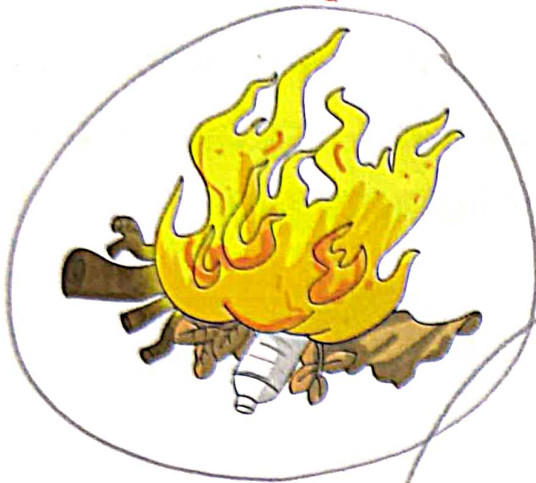
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3. How can we reduce air pollution?

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**B. Encircle the pictures which show causes of air pollution:**



**C. How will you prevent cold and cough?**

1. Maintain cleanliness all around you.
2. Never spit in open.
3. Cover your nose and mouth with handkerchief while sneezing.

### **Let's Do**

Colour the picture:



Jender Heart High School, Sec-33 chd.

Class - II

Date - 12-8-24

Subject - Environmental Studies

Teachers - Ms. Harjit Kaur, Ms. Jyoti Arora, Ms. Rupinder Kaur

### Lesson- 9, Air Around Us

#### I. Fill in the blanks -

1. We cannot see the air.
2. All living things need air for their survival.
3. Polluted air is harmful for all living things.
4. Do not burn garbage.
5. Maintain cleanliness all around you.

#### II. Write true or false -

1. Air is getting dirty by smoke. true
2. We get many diseases if we breathe in clean air. false
3. Grow more trees as they purify the air. true
4. Diseases are caused due to trees. false
5. Never spit in the open. true



### III Circle the correct answer -

1. Things that pollute the air are called problems / pollutants.
2. We should reuse / never reuse things.
3. Cover your nose and mouth while eating / coughing.
4. Solar energy / pollution is a natural source of energy.

### IV Answer the following questions:

Q1. What is air pollution?

Ans. When air gets dirty due to various things like smoke & dust is called air pollution.

Q2. How is air pollution caused?

- Ans.
1. Fumes from vehicles pollute the air.
  2. Smoke coming out from factories pollute the air.

Q3. How can we reduce air pollution?

- Ans.
1. Grow more trees to purify the air.
  2. Do not burn garbage.

## Lesson - 7, 8, 9

Q Tick the correct option:

1. A \_\_\_\_\_ is a house made of snow.  
a) Stilt                      b) igloo                      c) tent
2. A \_\_\_\_\_ makes the furniture.  
a) electrician              b) painter                      c) carpenter
3. We wear \_\_\_\_\_ on a rainy day.  
a) Uniform                      b) raincoat                      c) cotton clothes
4. Air gets polluted due to \_\_\_\_\_.  
a) Smoke                      b) umbrella                      c) rain
5. \_\_\_\_\_ is a synthetic fibre.  
a) cotton                      b) silk                      c) nylon

last page