

## Grade 4

### Social Science : History

#### Lesson 6 : Transport Through Time

Date : 24/08/2020 - 28/08/2020

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### **Case Study : Exhaust fumes in a big city.**

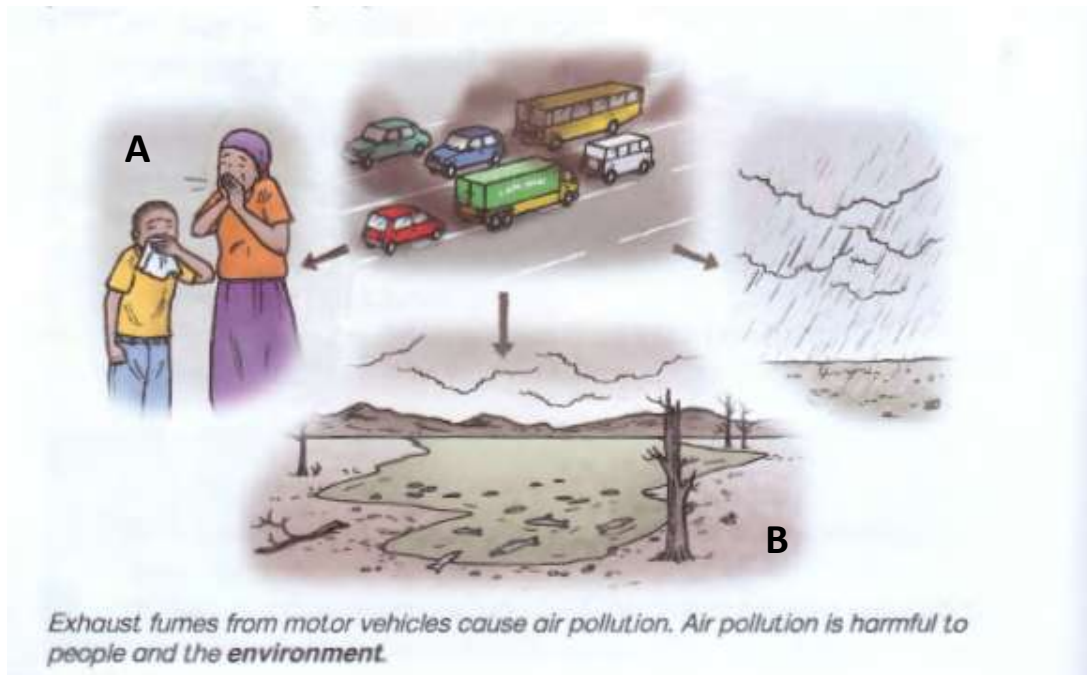
Petrol and diesel engines make exhaust fumes. Exhaust fumes are the gases that come out of cars, taxis, trucks and buses. Exhaust fumes contain poisons that are bad for people and the environment and it causes **air pollution**. The air in some big cities of the world e.g. Beijing in China is so polluted that people have to wear masks.

### **Air pollution causes these problems**

1. Damage to people's health. It causes damage to the lungs and people get asthma and other breathing diseases.
2. Buildings get dirty.
3. Poisons get into the air and water.
4. Changes to the weather. If there is too much gases, the earth gets warmer. This is called Global Warming.
5. Global warming causes plants and animals to die.

### **Ways to cut down exhaust fumes in big cities**

1. Reduce the number of motor vehicles in cities. One way can be by building bicycle tracks and encouraging people ride to work, school etc.
2. Use electric forms of transport e.g. electric cars, trains and buses.
3. Car pools and lift clubs.



**Activity 1: Study the pictures and notes above and answer the questions.**

1. Explain the problems caused by air pollution in picture:

A - \_\_\_\_\_  
 \_\_\_\_\_

B - \_\_\_\_\_  
 \_\_\_\_\_

2. Write down two types of air pollution that you see in your area.

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

3. Why do people in some cities of the world wear masks?

\_\_\_\_\_  
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4. Describe two ways to cut down exhaust fumes in a big city.

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