

## Task 2: How green are you?

Which group is the greenest?	Me	Other(s)	Group total
1. Have you travelled into town by car in the last two weeks?			
2. Have you bought organic fruit or vegetables in the last two weeks?			
3. Have you used public transport in the last two weeks?			
4. Have you taken bottles to the bottle bank in the last two weeks?			
5. Have you recycled paper in the last two weeks?			
6. Have you picked up litter and put it in the bin in the last two weeks?			
7. Have you bought fast food in a plastic or Styrofoam container in the last two weeks?			
8. Have you paid more for something because it's environmentally friendly in the last two weeks?			
9. Have you used plastic bags for your shopping in the last 2 weeks?			
10. Have you _____ in the last two weeks?			

Count how many people said yes and no for each question, and then share your findings with the rest of the group.

# Pollution

## A/ Label the Pictures

Industrial noise/ oil spill/ factory fumes/ vehicles smoke/ throwing waste in the streets/ sewage waste/ flying aero planes/ industrial waste/ smoking/ deforestation/ chemical substances

➤ Air pollution is caused by:



➤ The main causes of water pollution are:



➤ Among the causes of Noise pollution are:















➤ Land pollution is caused by:



b) What are the effects of pollution on the environment and on the people?

Look at the labeled pictures and complete the table:



					
headache	Hole in the ozone layer	smog	Disease / sickness	Chemical reaction	Skin rash
					
burn	Breathing problem	Acid rain	stomachache	deafness	weakness

Effects of pollution on people	Effects of pollution on the environment

2) Read text1 and text 2 and find out the causes and the effects of each type of pollution

TEXT 1

**Because** factories release fumes, the air people breathe gets polluted. Other well-known effects of fumes are smog, acid rain and holes in the ozone layer.

TEXT 2

Living in noisy overcrowded towns has become dangerous **because** everyday exposure to noise can cause headache, earaches and may lead to deafness.

Text	Type of pollution	causes	effects
1			- - - -
2			- - -

b) Then, answer the question:

**Why** is the air we breathe polluted? (text 1)

→ The air we breathe is polluted





3) Read text 3 and text 4 and answer the questions:

TEXT 3

Toxic substances found in the food we eat and the air we breathe accumulate in our bodies and **result in** poor health like weakness, pains, aches disease and sickness.

TEXT 4

Paints, solvents, glues are all inflammable. They can catch fire and **result in** burns, skin rashes or risky chemical reactions.

b) Are contaminated food and polluted air harmful of our health? Justify.

c) Read text 4 and label the pictures:



1



2

c) What can happen when inflammables catch fire?

1) Focus on the underlined words in the following sentences and circle the right function

They can catch fire and result in burns, skin rashes or risky chemical reaction. (Addition/cause/effect)

Because factories release fumes, the air gets polluted. (Addition / cause / effect)

Because of factory fumes, the air gets polluted. (Contrast / cause / effect)

Result in+..... → expressing result/effect

Because of +..... } expressing cause

Because +.....

D) Connect the sentence parts with a **linker of consequence**:

Inflammables can catch fire.

-  
-  
-  
-

They can be harmful for the environment and people's health.

4) Circle the correct alternative:

Pollution is dangerous. (That's why / Because / But) everyone has to take actions against it.

☛ (Therefore / Whereas / Because) household chemicals are harmful, we must handle them with care.

☛ Batteries from toys, mobile phones and cars leak heavy metals. (Because / So / Can) they must be disposed of properly.

☛ Moreover, people cut trees. (As a result / First / Because) many bird species disappear.

☛ Besides, plastic bags are a major source of waste. (Therefore / Because / will) we should not throw them everywhere.



# Pollution: A cause / effect relationship

1/ Linking words expressing cause : due to - because of - since - as

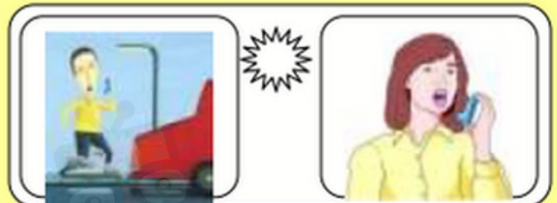
2/ Linking words expressing effect: so - therefore - as a result - consequently - thus - that's why

1/Look at the pictures then match them with the sentences.

2/Use a linking word to express a cause effect relationship.



A/Farmers spray toxic substances.  
----- the food we eat becomes contaminated.



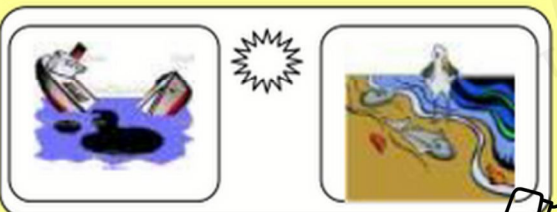
B/ Ships spill oil in the sea. ----  
-----fish and sea life die.



C/----- the fumes released by factories mix with the clouds the rain becomes more acidic.



D/ We live in overcrowded and noisy towns. -----  
more and more people suffer from earaches and headaches.



E/----- car exhaust and gases children have breathing problems such as asthma.



3/ Look at the pictures . Use the words given to make sentences expressing cause / effect relationship.



A/People eat contaminated food / have stomachache

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B/Factories release fumes / children asthma

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C/A lot of fumes and gases / hole in the ozone layer become bigger

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D/food contaminated / poisonous substances / people suffer from poor health and weaknesses

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## POLLUTION: CAUSES AND EFFECTS

### STAGE 1 : What do you know about pollution?

#### ACTIVITY 1 : Match the questions in A with the right answers in B:

#### A

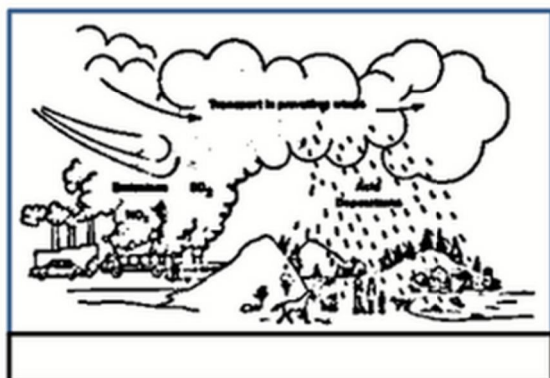
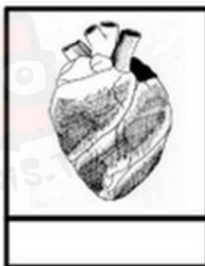
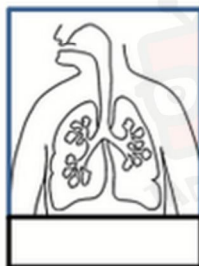
1. What is the environment ?
2. What is pollution ?
3. What is the earth ?
4. What is the role of the ozone layer?
5. What are fumes?
6. What is acid rain?
7. What parts of the body are necessary to breathe air?
8. What organ is necessary for hearing?
9. What is an earache?
10. What is deafness?
11. What is a sickness?
12. What is a disease?
13. Why are paints and glues harmful?

#### B

- a. It's the planet that we live on.
- b. They are grey toxic gases produced by fire.
- c. It's everything around us: the land we live on, the air we breathe and the water that we use.
- d. It protects the earth from the sun's ultra-violet rays.
- e. It's pain in the ears.
- f. Because they can easily catch fire.
- g. The mouth, the nose and of course the lungs.
- h. It's a negative change in the environment.
- i. It's a health problem: the flu, headache, bronchitis...
- j. It's when fumes mix with the water drops in the air and produce acids.
- k. It's a dangerous health problem, like cancer, AIDS, diabete ...
- l. It's when someone cannot hear anything.
- m. The ears.

1..... / 2 ..... / 3..... / 4 ..... / 5 ..... / 6 ..... / 7 ..... / 8 ..... / 9 ..... / 10 ..... / 11..... / 12..... / 13.....

#### ACTIVITY 2 : label the pictures below:



#### ACTIVITY 3 : (SB P 55 + 56 STEP 1 + 2):





**ACTIVITY 2 : Re - read and match the causes and effects of pollution:**

A	B
1. Factories release fumes.	a. <i>because</i> the air is polluted.
2. There is a hole in the ozone layer...	b. <i>lead to</i> (= cause) deafness.
3. The fumes melt with the particles of water in the air...	c. <i>Therefore</i> , many people have poor health.
4. Life in overcrowded towns may ...	d. <i>That's why</i> the air is polluted.
5. Many people have headaches and earaches...	e. <i>So</i> , they cause burns and skin rashes.
6. Toxic substances accumulate in the body.	f. <i>So</i> , many people have good health.
7. Paints, solvents and glues easily catch fire ...	g. <i>because</i> they are exposed to noise every day.
8. Paints , solvents and glues are inflammable.	h. <i>because</i> they are inflammable.
	i. and <i>result in</i> acid rain.

**ACTIVITY 3 : Read ( SB P 58) and find the causes:**

1. many fish and other sea life die because .....
2. the food we eat **contains toxic substances** (= is contaminated) because .....

**ACTIVITY 4 : The food contamination cycle ( AB P 70 ACT 3):**

**STAGE 3 : Practice and discover more about pollution.**

**HOMEWORK:** 1. Link the 4 sentences of the food contamination cycle to write a paragraph.





### Activity 3

Use the words in the box to fill in the blanks. One word is used twice.

grass - sprays - suffers - contaminated - chemicals

A



The farmer .....

B



Cows eat .....

### THE FOOD CONTAMINATION CYCLE

D



The baby .....from food poisoning.

C



The baby drinks the .....milk.

