

# TA11B - Learn About Air Pollution

Use with BrishLab ES11B

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1- What is the makeup of our atmosphere?

Page 1

Para 2



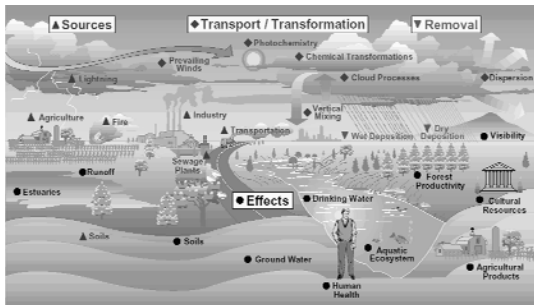
Our atmosphere is made of gases that are in a delicate balance.

[Image Link](#)

2- What are four major types of air pollution?

Page 1

Para 3



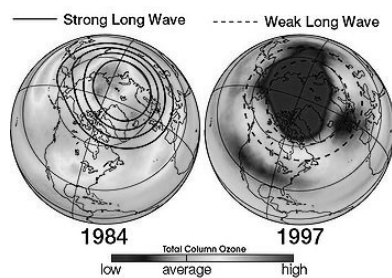
Photochemical smog, acid rain, increased greenhouse effect, and ozone reduction are all air pollutants.

[Image Link](#)

3- How can taking something like ozone out of the air cause us harm?

Page 1

Para 4



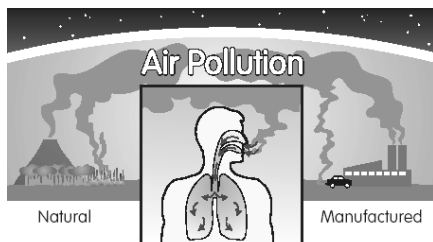
The harmful UV radiation from the Sun can reach a harmful level.

[Image Link](#)

4- Why is learning about air pollution important?

Page 1

Para 5



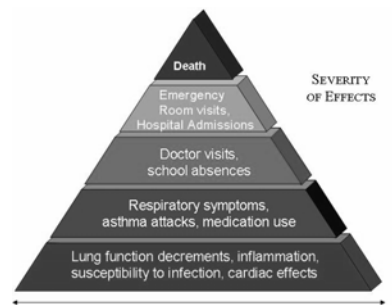
By understanding pollution, we can reduce it.

[Image Link](#)

5- What is a good definition of air pollution?

Page 1

Para 6



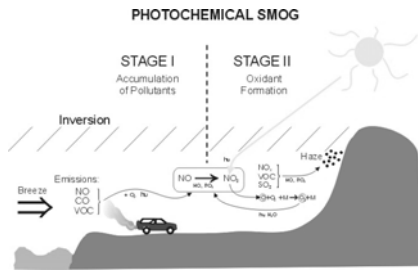
Air pollution is changing the air that hurts us or the Earth.

[Image Link](#)

6- How is photochemical smog created?

Page 1

Para 7



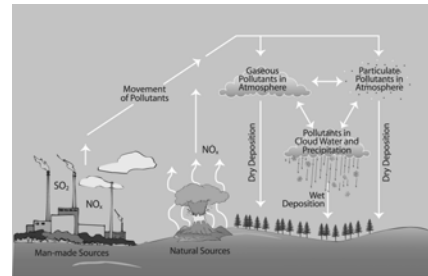
Sunlight and pollutants react to form smog when there is a temperature inversion layer.

[Image Link](#)

7- Where does acid rain come from and how is it made?

Page 2

Para 8



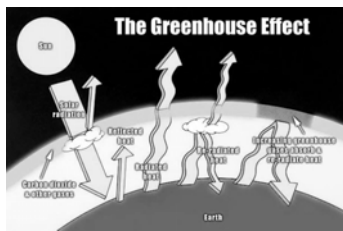
Pollutants combine with water vapor to form a weak acid.

[Image Link](#)

8- Why is the greenhouse effect a good thing? Why can it be a bad thing?

Page 2

Para 10



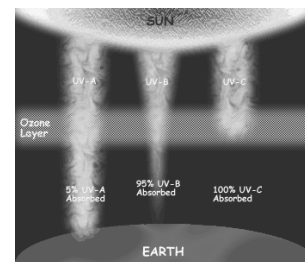
Greenhouse gasses even out the air temperature, but too much will cause global warming.

[Image Link](#)

9- What is the connection between ozone and ultraviolet (UV) radiation?

Page 2

Para 11



Ozone blocks much of the harmful Ultra Violet or UV light from the Sun.

[Image Link](#)

10- Describe indoor pollution and give an example.

Page 2

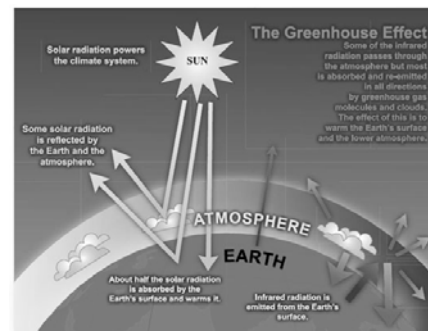
Para 12



Cigarette smoke as well as other pollutants get trapped in our homes.

[Image Link](#)

Wrap it up: Draw color and label a picture of the Greenhouse effect.



[Image Link](#)