



WORKSHEET 22
LESSON NOTES

School: Ba Sangam College
Subject: Commercial Studies

Year: 9

Name: _____

Strand 3	Economics 1
Sub Strand 3.5	Development Economics
Content Learning Outcome C.9.3.5.1	Examine and evaluate economic issues which affect economic growth and development.

POLLUTION ⇒ refers to the presence of any harmful substance in the atmosphere.

There are four major types of pollution :

- i) Land pollution
- ii) Water pollution
- iii) Air pollution
- iv) Noise pollution

Types of Pollution and Their Causes

Land pollution and its causes

- Derelict land - refers to rubbish dumps and other areas where pollution is common. Toxic substance will leak from the rubbish into the ground and then eventually in the water.
- Careless behaviour– this is a large source of land pollution. Not using rubbish and throwing cans and papers from cars and buses.
- Chemical substances – fertilizers, insecticides, pesticides, weedicide and other chemical substances are harmful to the environment. Chemical sprayed on plants may reach humans (if it is not observed by the plant or when some of it ends on the ground).

Water pollution and its causes

- Sewage – dumping near or in the sea or river is dangerous because pollutants will get into the water.
- Industrial waste – some businesses purposefully or accidentally spill chemicals into rivers and the ocean
- Other causes – careless behaviour and accidents are other common causes of water pollution.

Air pollution and its causes –

- Automobile emissions – the biggest source of air pollution is exhaust. Cars, trucks, and buses all emit carbon dioxide and other gases. These gases affect the climate, pollute the air and may cause green house effect.
- Factory emissions – like automobile exhaust, emissions from factories cause pollution
- Other causes – accidents and careless behaviour are other common causes
- Household conveniences – bug sprays, air fresheners, and refrigerators can all cause air pollution.

Noise pollution

- Cars, T.V's, radios, dogs, factories and other sources of excessive noise cause noise pollution.

Cost And Effect Of Pollution

- ❖ Poor health
- ❖ Increased medical expenses
- ❖ Environmental damage
- ❖ Loss of tourist revenue if the tourists do not come because of pollution

Activity

Study the cartoon given below and your knowledge to answer questions (i) and (ii).



(i) Identify the type of pollution shown above.

(1 mark)

(ii) State two causes of the above issue

(2 marks)

(iii) State **two** effects of the above pollution.

(2 marks)

(ii) Suggest **two** methods in which Fiji can address the above issue.

(2 marks)

The End