

รายวิชา ภาษาอังกฤษ

รหัสวิชา อ23102

ชั้นมัธยมศึกษาปีที่ 3

ผู้สอน

ครูวรรณดี ถวิลบุญ

เรื่อง

World Garbage II

World Garbage II



Objectives

1. สามารถจำแนกประเภทของขยะได้
2. พูดยแสดงความคิดเห็นเกี่ยวกับการจัดการขยะได้

Watch the video about

Biodegraded and **Non-biodegraded**

Waste





ขอขอบคุณวีดิโอ

“Biodegradable and Non-Biodegradable Waste”

โดย TutWay

ที่มา: <https://www.youtube.com/watch?v=aTfLLRf7WS4>



“Biodegradable” vs. “Non-Biodegradable”

- **Waste** that can be broken down in weeks or months by **natural agents**.

vs. “Non-Biodegradable”

- **Waste** that cannot be broken down into simpler molecules by natural agents even in hundreds of years.

“Biodegradable Waste”

- It dissolves and becomes a part of the soil.
- It adds nutrients to the soil and makes it fertile.
- It has no threat to the environment.

“Biodegradable **Waste**”

- Examples of biodegradable waste:



Food waste



Manure

“Biodegradable **Waste**”

- Examples of biodegradable waste:



Slaughter house



Paper waste

“Biodegradable **Waste**”

- **Uses**

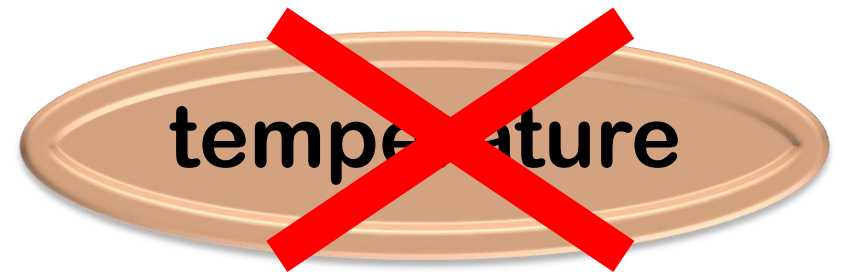
compost

Biogas → Fuel



“Non-Biodegradable Waste”

- It does not react nor dissolve in any medium.
- It is not affected by harsh weather conditions.



“Non-Biodegradable Waste”

- It does not contribute to the environment.
- It increases the size of wastelands.
- It takes hundreds of years to break down.

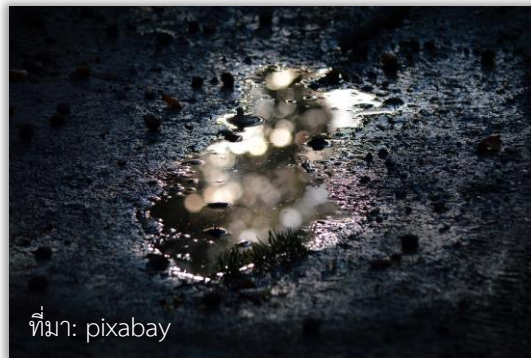


“Non-Biodegradable Waste”

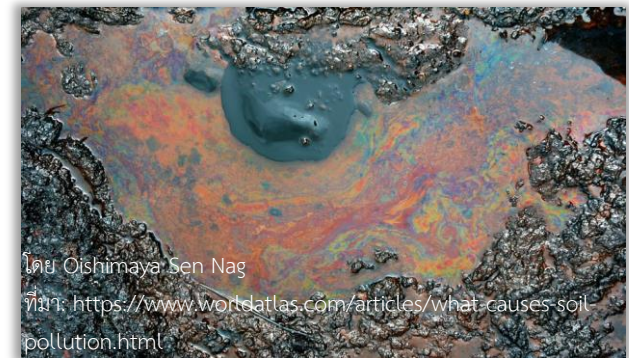
- When it starts to break down, it releases **toxic chemicals** that go to the soil, water and in the air .



air pollution



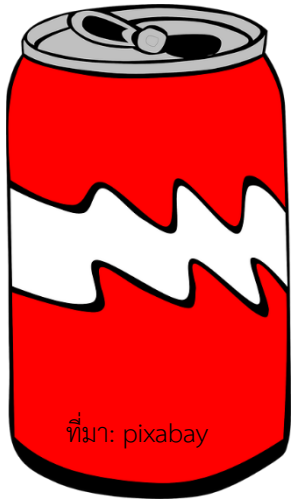
water pollution



soil pollution

“Non-Biodegradable Waste”

- Examples of non-biodegradable waste.



aluminium can



glass utensil



plastic products

Activity

True or False

You must bet between 10 to 100 points for each statement.

Example:

Statement

There are two types of waste: biodegradable and non-biodegradable waste.

True



False



Bet

40

Loss

40

Gain

True

1. Waste that can be broken down in **weeks** or **months** by natural agents is called **biodegradable** .

False

2. Manure is biodegradable.



3. **Meat** can be naturally broken down in weeks or months.

True

**Non-biodegradable
waste**

releases **toxic chemicals**
that go to the soil, water and in the
air.

False

5. Harsh weather conditions **cannot** break down **glass utensil** into the smaller molecules.

False



Exercise 43

**Classify the garbage to be
Biodegradable Garbage, or
Non-biodegradable Garbage.**

Garbage

**Glass
Bottles**

Plastic

Cans

Fruits

Paper

**Bones/
Meat**

**Food
Wrappers**

Diapers

Garbage

Chip bags

Doggy Poo

Foam plate

**Dead
animal**

Battery

Glass

Wood

Metal

CDs



Exercise 43

Review the answers

Biodegradable Waste

Fruits

Bones/
Meat

Paper

Doggy Poo

Dead
animal

Non-Biodegradable Waste

Glass
Bottles

Cans

Plastic

Food
Wrappers

Diapers

Chip bags

Biodegradable Waste

Wood

Non-Biodegradable Waste

Foam plate

Battery

Metal

CDs

Glass



ขอขอบคุณภาพ ถนนสกปรก โดย Donatella Lorch เมฆแพร่วันที่ March 23, 2015

ที่มา: <https://www.npr.org/sections/goatsandsoda/2015/03/23/394827432/you-think-your-city-is-full-of-trash-ha>



ขอขอบคุณภาพ ถนนสะอาด โดย u/Flamin_Tacos

ที่มา: https://www.reddit.com/r/pics/duplicates/6xcvf0/the_clean_streets_of_tokyo/

How to **reduce the trash** in your community?

QUOTE OF THE DAY

**We are living on this planet
as if we had another one
to go to.**

- Terri Swearingen