

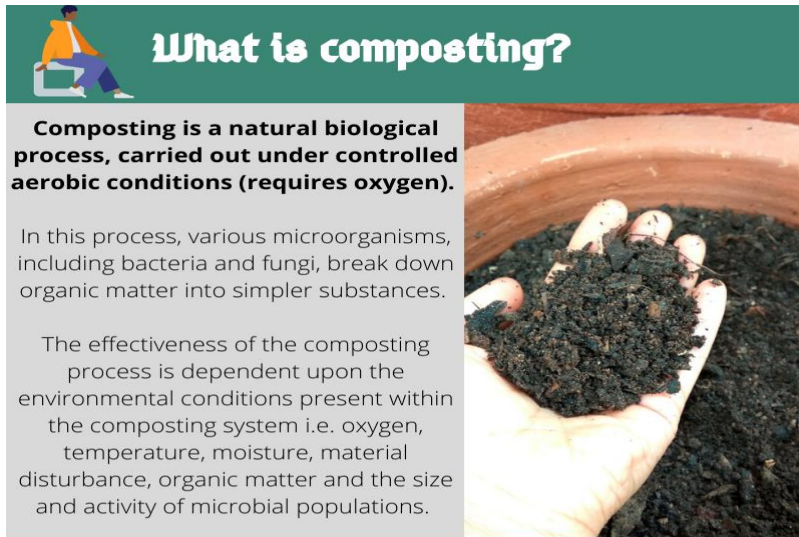


SEPTIMO BÁSICO

El objetivo de esta guía es que los estudiantes reconozcan qué es el compost, como crear compost y la diferencia con reciclar y reusar. Para dudas que tengan pueden escribirme un correo a esta dirección: yorka.sepulveda.pulmahue@gmail.com, escribiendo en el asunto el nombre de él o la estudiante y su curso, el horario para correos es de 9am a 4pm. Plazo de entrega: viernes 06 de noviembre hasta las 2pm

O.A: Comprender importancia del compost y pasos para crearlo.

What is compost?



What is composting?

Composting is a natural biological process, carried out under controlled aerobic conditions (requires oxygen).

In this process, various microorganisms, including bacteria and fungi, break down organic matter into simpler substances.

The effectiveness of the composting process is dependent upon the environmental conditions present within the composting system i.e. oxygen, temperature, moisture, material disturbance, organic matter and the size and activity of microbial populations.

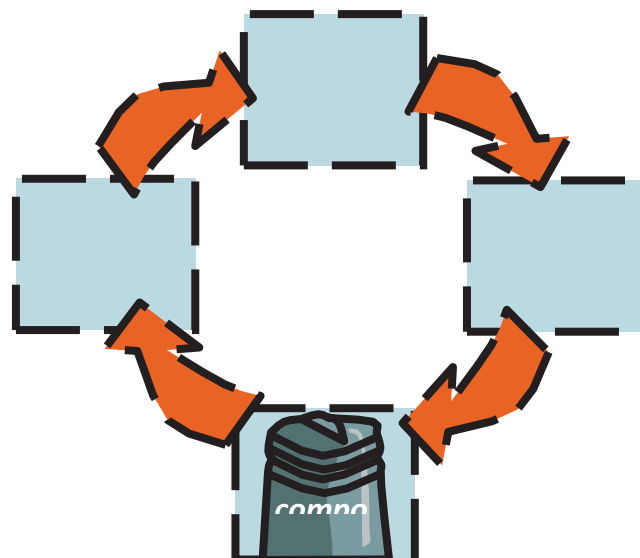
Compost is **organic** material that has been **decomposed**. Organic material is anything from the earth—fruits, veggies, plants, dirt and more. When organic material decomposes, it breaks down into nutrients that fertilize the soil. Some people make their own compost to help their gardens or farm crops grow, but nature also makes its own compost! When plants die or when leaves fall from trees, they form **mulch** that protects the soil. Over time the dead leaves decompose into nutrients that feed the new plants. This is nature's way of recycling old materials.

DRAW THE CYCLE - The compost cycle is a type of life cycle, similar to the water cycle. Fill in the pictures to show each step of the compost cycle.

Organic – natural, living matter

Decomposed – when something is broken down into smaller parts

Mulch – a material, such as dead leaves or bark, spread around or over a plant to enrich or protect the soil



Using the words below, write the types of rubbish you can recycle, compost or bin under the pictures.



- | | | | | |
|-----------------|----------------------|-----------------|-----------------|--------------|
| Newspaper | Leaves | Milk Carton | Grass cuttings | Glass bottle |
| Hedge clippings | Food and drinks cans | Weeds | Biscuit wrapper | Clothes |
| Crisp bags | Light bulbs | Plastic bottles | Flowers | Used tissues |

