



# DESTRUCTION AND DECOMPOSITION PROCESS

Here are the steps that occur in this process:

## DESTRUCTION

Organic materials are broken down into smaller particles through physical and biological processes. This initial decomposition prepares the material for further decomposition.

## DECOMPOSITION

Microorganisms, such as bacteria and fungi, then break down organic materials into simpler compounds such as carbon dioxide, water, and nutrient-rich humus. This stage is very important for turning waste into nutrient-rich compost.

## NUTRITION CYCLE

Decaying organic matter, or humus, becomes a valuable source of nutrients for plants, thus completing the nutrient cycle. This nutrient-rich compost can then be used to fertilize the soil and increase plant growth.

*"Every small step in the composting process brings us closer to the goal of creating a greener, more sustainable planet for future generations"*