

The slide features a decorative border with autumn-themed illustrations. In the top-left corner, there are clusters of brown and orange leaves, some with small red berries. The top-right corner shows teal leaves and a single brown leaf. The bottom-left corner has teal leaves and a brown leaf. The bottom-right corner features a mix of teal and brown leaves. The background is a light cream color with soft, wavy teal shapes at the top and bottom.

Vermicomposting

ERASMUS+ Activity



**A picture is worth
a thousand words**





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01

*What is
vermicomposting?*



Composting



- Natural process of decomposing and recycling basic materials.
- Makes it possible to process trash.
- Preventing trash accumulation in landfills.
- Contributes to a better structure of the soil.
- The “compost” can be applied to the soil to improve its characteristics, without causing risk to the environment.



Vermicomposting

- Composting with earthworms
- Process of turning food scraps and other organic waste into compost with the help of earthworms.
- Ideal process for composting indoors
- When properly handled, does not produce odors or attract unwanted animals.



02 How does it work?



1°

Assemble a layer of thick branches, cut into small pieces.



2°

Place a layer of brown waste (leaves or grass, etc.), the worms and water.



3°

Place a layer of green waste (fruits or fruits peel e.g.).



4°

Place a new layer of brown residue and water again.

03 What we can use and what we can't use



What we can use

- Dried leaves and herbs
- Straw and hay
- Dry grass
- Wood shavings
- Small branches
- Fruit scraps
- Vegetables
- Flowers and grass
- Green leaves

What we can't use

- Beef
- Shellfish
- Fish
- Plastics
- Citrus (Lemon, Orange)
- Glass
- Ashes
- Textiles



04 Advantages

- Improvement of soil structure, texture, porosity, water holding capacity, drainage, and aeration, as well as the reduction of erosion.
- Enhances plant growth by allowing the development of new shoots and leaves, resulting in increased productivity.

05 Disadvantages

- Before adding compost to the garden, worms must be separated from it.
- Weed seeds are not killed by this product.
- Produces hazardous greenhouse gases such as nitrous oxide and methane.



The top corners of the slide are decorated with stylized floral and leaf motifs. The top-left corner features a cluster of green leaves and a brown branch with small yellow flowers. The top-right corner has a light blue wavy shape, a single brown leaf, and a green leafy branch. The text is centered in a bold, brown, sans-serif font.

VermiComposting is a way of treating wastes, giving them a useful destination.

Returns the nutrients it needs to the earth.

The bottom corners of the slide are decorated with stylized floral and leaf motifs. The bottom-left corner features a brown branch with small yellow flowers, a green leafy branch, and a brown leaf. The bottom-right corner has a light blue wavy shape, a green leafy branch, a brown leaf, and a brown branch with small yellow flowers. The text is centered in a bold, brown, sans-serif font.

A very simple and **100% natural process.**



Day 0

Ed bono & strawberry



Thanks!

Do you have any questions?

Let's go to the greenhouse!

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