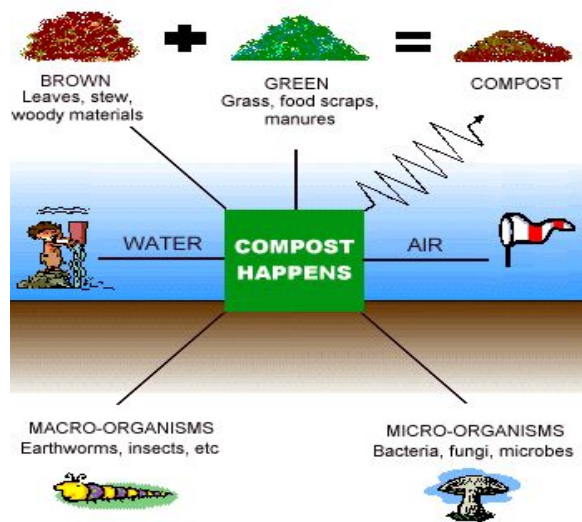


Environment Sustainability through composting

By Akhil Arularasu

What is Composting ?

Composting is nature's way of recycling. This process decomposes organic materials along with air, water into a dark, earthy-smelling soil called humus. Thanks to bacteria, fungi, and other microorganisms we get the finished product also known as "black dirt/gold" that is nutrient rich that the plants require



Benefits of Composting

- Reduces the greenhouses gases in the atmosphere
- Improves water retention capacity of soil and avoids soil erosion
- Enhances soil quality through better nutrient content
- Protects local water quality by eliminating synthetic fertilizers/chemicals

Benefits of Composting at School

- Engages children to understand nature's processes.
- Creates awareness in students to reduce food waste and composting.
- Empowers students to be more responsible towards environmental sustainability through their actions.
- Helps reduce waste and costs.

Challenges for Composting at School

Collection and segregation from scrap is the greatest challenge to school food scrap composting programs. This can be achieved through student awareness, participation, and student leaders who can guide through in this process.

Solutions

- Awareness/Education on what to be composted.
- Posters
- Student Patrols/Leaders

Posted Recommendation

<https://www.recyclereminders.com/team-compost-sign-can-i-put-food-scrap-in-compost-bin/sku-s-7965>

What can be composted ?

- Fruits/Vegetables scraps
- Egg shells
- Nut shells
- Tea / Coffee Bags
- Browns
- Green clippings

What cannot be composted ?

- Cooked foods
- Greasy foods
- Bones
- Meat
- Cheese

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