

EVS BAS 204 SECTION D/E/F Recycle/reusable (plastic) PROJECT BY Dr .Divya Gairola

Earth Day 2024's theme "Planet vs. Plastics"

Things to do list :

- 1) Hands on activity (submit 1 item)
 - 2) Typed small report based on your hands on activity, share what you learned after completion of this project
- **Submission due date : 14 th June /2024**
 - **Points =20**

participation and submission is mandatory to all EVS students.



OBJECT :DIY recycling projects serve to promote sustainability, educate individuals and communities, save money, foster creativity, and strengthen social bonds, all while reducing the environmental impact of waste.

PURPOSE :The purpose of DIY (Do-It-Yourself) recycling projects involves multiple benefits spanning environmental, educational, economic, and creative aspects

OUTCOME :Environmental Benefits

- **Waste Reduction**: DIY recycling projects help reduce the amount of waste that ends up in landfills.
- **Resource Conservation**: They promote the reuse of materials, thereby conserving natural resources.
- **Pollution Reduction**: By recycling items, less pollution is generated compared to producing new products from raw materials.

Educational Benefits

- **Awareness**: These projects raise awareness about environmental issues and the importance of recycling.
- **Skill Development**: They provide an opportunity to learn new skills, such as crafting, basic engineering, and problem-solving.
- **STEM Education**: Recycling projects can be integrated into science, technology, engineering, and math (STEM) education,

Community and Social Benefits

- **Community Building**: Engaging in DIY recycling projects can bring communities together through shared activities and goals.
- **Educational Outreach**: These projects can be used in community education programs to teach others about the benefits of recycling and sustainability.
- providing hands-on learning experiences.

Hands-On Activity Examples (Students choose one)

- 1. Plastic Bottle Planter**
 - Cut and decorate old bottles to grow herbs/flowers.
 - *SDG 15: Life on Land* – Supports biodiversity and greenery.
- 2. Eco-Bricks**
 - Stuff non-recyclable plastics into bottles to create building blocks.
 - *SDG 11: Sustainable Cities & Communities* – Promotes eco-friendly construction.
- 3. Reusable Tote Bag from Old T-shirts**
 - Convert worn-out clothes into shopping bags.
 - *SDG 12: Responsible Consumption & Production* – Reduces single-use plastic.
- 4. Plastic Cap Mosaic Art**
 - Collect caps and design wall art for awareness campaigns.
 - *SDG 4: Quality Education* – Creative learning for sustainability.
- 5. Stationery Holder from Plastic Containers**
 - Reuse jars or bottles to organize pens/pencils.
 - *SDG 13: Climate Action* – Reduces demand for new plastic products.



Report Guidelines (10 Marks)

- Title of your project.
- Materials used (list recycled items).
- Steps followed (DIY process).
- What you learned (reflection on sustainability).
- How your project connects to **SDGs**.

SDG Connections

- **SDG 6: Clean Water & Sanitation** → Prevent plastic pollution in rivers/lakes.
- **SDG 11: Sustainable Cities & Communities** → Eco-friendly urban practices.
- **SDG 12: Responsible Consumption & Production** → Reduce single-use plastics.
- **SDG 13: Climate Action** → Lower carbon footprint through recycling.
- **SDG 15: Life on Land** → Protect biodiversity by reducing plastic waste.

Reflection Prompt (5 Marks)

- *“My ethical responsibility toward the environment is to recycle, reuse, and reduce plastics to build a cleaner, greener India.”*

Submission Details

- **Hands-on item:** 1 recycled/reused product.
- **Typed report:** 1–2 pages.
- **Due date:** 14th June 2024.
- **Total Points:** 20 (Participation mandatory).

The most patriotic
thing you can do is to take
care of the environment
and try to live sustainably.

» ROBERT F. KENNEDY JR.



Recycle. The possibilities are endless.



REUSE 
REDUCE
RECYCLE