

EcoAssist Sample Dataset

This dataset is based on the EcoAssist project description, including sustainability policies, waste guidelines, eco-friendly tips, and local environmental rules.

Municipal Waste Guidelines – Section 3.2

Plastic Waste Segregation

Plastic waste must be separated into recyclable and non-recyclable categories.

- Recyclable: Clean plastic bottles, containers, and packaging.
- Non-recyclable: Plastic bags, wrappers, and contaminated plastics.

All recyclable plastics go to dry waste bins; non-recyclables to sanitary landfills.

Residents should rinse containers before disposal.

E-Waste Policy Overview – Section 5.3

E-Waste Disposal

Electronic waste (batteries, phones, computers) must be handled separately.

- Drop-off at authorized e-waste centers.
- Large appliances to certified recyclers.
- Donate working electronics to NGOs or schools.

Improper disposal can contaminate soil and water.

Battery Waste Management Rules – Section 2

Battery Recycling

Household batteries must not be thrown in general waste.

- Collect in separate bins provided by municipalities.
- Drop at designated recycling points.
- Rechargeable batteries require special disposal methods.

Eco-Tips Quick Guide – Page 1

Composting at Home

Kitchen waste (vegetable peels, fruit scraps, tea leaves) can be composted.

- Avoid meat and dairy in compost bins.
- Use compost as organic fertilizer for gardens.
- Community composting programs can accept larger waste volumes.

Student Sustainability Handbook – Chapter 2

Carbon Footprint Reduction

Daily eco-friendly actions:

- Walk, cycle, or use public transport.
- Switch off unused electrical devices.
- Use energy-efficient appliances and lighting.
- Reduce single-use plastics.
- Participate in recycling programs.

City Environmental Awareness Guide – Section 4

Rainwater Harvesting

Residents are encouraged to collect and store rainwater.

- Install rooftop harvesting systems.
- Use harvested water for gardening and cleaning.
- Reduces dependency on municipal water supply.

City Environmental Awareness Guide – Section 4

Noise Pollution Limits

Maximum noise levels:

- Residential day: 55dB
- Residential night: 45dB

Avoid loud machinery or music in restricted hours.

Violations may incur fines.

Eco-Tips Quick Guide – Page 2

Recycling Metals and Glass

Metals (aluminum cans, tins) and glass bottles should be cleaned before disposal.

Place in dry waste collection points.

Do not mix with organic or hazardous waste.

Municipal Waste Guidelines – Section 6

Hazardous Waste

Items such as chemicals, paints, and solvents must be stored separately.

- Drop-off at authorized hazardous waste collection centers.

- Never pour chemicals into drains or landfills.
- Follow instructions on product labels for safe disposal.

Student Sustainability Handbook – Chapter 4

Eco-Friendly Shopping

Tips for consumers:

- Prefer reusable bags, containers, and bottles.
- Buy products with minimal packaging.
- Support brands that follow eco-friendly practices.
- Avoid disposable items where alternatives exist.

City Environmental Awareness Guide – Section 5

Water Conservation

Practical steps to save water:

- Fix leaks promptly.
- Use low-flow taps and showers.
- Collect and reuse greywater for gardens.
- Follow municipal water-saving programs.

City Environmental Awareness Guide – Section 6

Planting Trees

- Plant at least one tree per household per year.
- Maintain green cover in gardens and community areas.
- Participate in local tree-planting drives organized by NGOs or municipalities.

Municipal Waste Guidelines – Section 8

Plastic Bag Restrictions

- Use of single-use plastic bags is prohibited.
- Replace with cloth or reusable bags.
- Violations may attract fines.
- Citizens encouraged to educate others on alternatives.

Eco-Tips Quick Guide – Page 3

Community Recycling

- Participate in local recycling drives.
- Sort and deliver recyclables to community centers.
- Encourage neighbors and students to join awareness programs.

Student Sustainability Handbook – Chapter 3

Energy Efficiency

- Switch off lights and fans when not in use.
- Use energy-saving appliances.
- Replace incandescent bulbs with LED.
- Conduct energy audits in homes or campuses.

NGO Sustainability Toolkit – Page 2

Citizen Engagement

- Organize workshops on recycling and waste segregation.
- Distribute pamphlets on eco-friendly habits.
- Encourage students to monitor and report local pollution.

E-Waste Policy Overview – Section 7

E-Waste Hazard Control

- Lithium batteries must never be punctured or incinerated.
- Collect e-waste separately.
- Certified recyclers handle toxic materials safely.

Municipal Waste Guidelines – Section 9

Biodegradable Market Waste

- Vegetable and fruit waste from markets can be composted.
- Segregate from plastics and metals.
- Use community compost pits if home composting is not possible.

Eco-Tips Quick Guide – Page 4

Plastic Bottle Tips

- Rinse, flatten, and place bottles in dry waste bins.
- Caps can be recycled separately depending on municipal instructions.
- Avoid buying single-use plastic bottles; use refillable bottles.

Student Sustainability Handbook – Chapter 5

Sustainable Transportation

- Carpool, use bicycles or public transport.
- Avoid unnecessary trips.
- Support electric vehicle initiatives.
- Encourage institutions to provide bicycle parking and charging points.