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CLASS: YEAR 8

**IF I WERE TO INVENT SOMETHING NEW**

Pollution is a very big problem in Nigeria today. It affects people’s health, leads to financial loss, flooding and one of the biggest effects, global warming. If I were to invent something new as a 12-year-old boy who loves technology, it would be an Eco-Friendly Waste Management Robot. In Nigeria, we struggle with waste management, leading to littered streets and polluted parks. It has become so bad that in communities like mine, people throw their trash in the bushes near their houses, causing further pollution. My invention aims to address the issues by providing an efficient, sustainable and engaging solution.

The Eco-Friendly Waste Management Robot would be a small solar-powered machine so as to deal with the shortage of electricity, and artificial intelligence to detect and collect litter. It would roam around the community autonomously, picking up the trash and sorting it into recyclable and non-recyclable bins kind of like how the people we normally see doing community service every morning. The robot would have a friendly, interactive interface to educate and engage community members, especially children, about the importance of recycling.

The robot would feature a GPS system to prevent it having any problems with location which would enable it carry out its cleaning systematically around the neighbourhood. When the battery is low or the storage is full, the robot would enter a waste disposal station which also serves as its charging station. It would also serve as an educational structure enlightening the masses especially children on proper waste segregation and recycling.

The robots designed to be a friendly one, would engage with children and enlighten them on the topics of waste disposal and recycling. One of the robot’s purposes is to be interactive. Therefore, the robot would entertain the children with games and puzzles to make their learning and interactions fun and more productive. Making them not only educated on waste disposal but also building a sense of responsibility and can encourage others to create a cleaner environment.

In conclusion, the Eco-Friendly Waste Management Robots would help the community to evolve and grow not only in cleanliness but also in education in order to create a world with a better society, reduce pollution, and a happy, healthy environment.