

PROJECT DIARY 1

Project Title: Plastic Waste Management and Community Action in Ghana

Course: Problem-Solving and Identification

Date: September 2025

Introduction

Our group project explores how community-level actions can reduce plastic pollution in Ghana. The goal is to understand how local initiatives, recycling habits, and government policies can work together to manage plastic waste effectively. My role is to research community projects and assist with data collection and analysis.

Entry – 10th September 2025

What was discussed and done: We agreed to focus on how local communities contribute to solving plastic waste problems.

My contribution: I proposed studying initiatives like 'Plastic for Change' and the 'Trashy Bags' project in Accra.

Challenges faced: Finding documented community projects outside Accra was difficult.

What I learned: I learned that local participation is key to environmental sustainability.

Entry – 12th September 2025

What was discussed and done: We analyzed the role of recycling companies in Ghana's plastic management.

My contribution: I collected data on how much plastic is recycled versus disposed of improperly.

Challenges faced: Some recycling companies did not publish annual reports.

What I learned: Transparency and public data access are vital for environmental accountability.

Entry – 14th September 2025

What was discussed and done: We explored the health and environmental effects of poor plastic disposal.

My contribution: I prepared visuals showing polluted beaches and drains for our class presentation.

Challenges faced: Choosing credible images and avoiding exaggeration.

What I learned: Visual evidence can strengthen environmental advocacy.

Entry – 16th September 2025

What was discussed and done: We proposed awareness campaigns and educational programs.

My contribution: I suggested a mobile recycling initiative targeting schools.

Challenges faced: Funding and logistics for school programs were complex.

What I learned: Education is one of the most effective tools for behavioral change.

Reflection

This project helped me appreciate how community engagement complements government policy. I learned to research, collaborate, and think critically about environmental sustainability.

Conclusion

In summary, I contributed ideas on community participation, visual storytelling, and education. Plastic pollution solutions must involve every citizen and not just policymakers.

PROJECT DIARY 2

Project Title: Technological and Policy Approaches to Plastic Pollution in Ghana

Course: Problem-Solving and Identification

Date: September 2025

Introduction

Our project examines how technology and government policies can reduce plastic waste in Ghana. My main task was to research smart waste collection systems and policy reforms.

Entry – 11th September 2025

What was discussed and done: We chose to focus on how innovation and law enforcement can address plastic pollution.

My contribution: I suggested including policy frameworks from Ghana's Ministry of Sanitation.

Challenges faced: Accessing detailed policy documents was time-consuming.

What I learned: Environmental laws need strong enforcement to be effective.

Entry – 13th September 2025

What was discussed and done: We studied waste management technologies used in other countries.

My contribution: I proposed adapting smart bins and plastic-sorting machines for Ghanaian use.

Challenges faced: Most technologies are expensive to import.

What I learned: Innovation must fit the country's economic capacity.

Entry – 15th September 2025

What was discussed and done: We compared Ghana's policies with Kenya's plastic bag ban.

My contribution: I analyzed how Ghana could implement a similar phased ban.

Challenges faced: Public resistance and economic concerns about plastic alternatives.

What I learned: Effective environmental policy needs strong public awareness.

Entry – 18th September 2025

What was discussed and done: We developed recommendations for policymakers.

My contribution: I drafted a proposal outlining incentives for recycling startups.

Challenges faced: Balancing practicality with innovation.

What I learned: Policymaking involves compromise and long-term planning.

Reflection

This project improved my understanding of environmental governance and sustainable technology. I gained skills in policy analysis and research documentation.

Conclusion

My contributions centered on technology and governance. I learned that solving plastic pollution requires combining innovation, strong policies, and public cooperation.

PROJECT DIARY 3

Project Title: Youth-Led Solutions to Plastic Pollution in Ghana

Course: Problem-Solving and Identification

Date: September 2025

Introduction

Our project explores how young people and student groups can lead the fight against plastic pollution in Ghana. My role was to interview youth organizations and collect stories from eco-activists.

Entry – 10th September 2025

What was discussed and done: We planned to research how student clubs promote clean environments.

My contribution: I suggested including university and SHS environmental clubs in our case studies.

Challenges faced: Getting responses from some clubs took longer than expected.

What I learned: Youth engagement needs continuous motivation and recognition.

Entry – 13th September 2025

What was discussed and done: We gathered data on youth-led beach cleanups and recycling drives.

My contribution: I documented cleanup activities organized by 'Green Africa Youth Organization'.

Challenges faced: Limited access to detailed project data.

What I learned: Small actions by youth can create national impact over time.

Entry – 15th September 2025

What was discussed and done: We assessed how social media campaigns influence behavior.

My contribution: I analyzed hashtags like #PlasticFreeGhana and #CleanCoastGhana.

Challenges faced: Measuring online engagement was difficult.

What I learned: Digital activism can drive real-world change if well coordinated.

Entry – 17th September 2025

What was discussed and done: We proposed youth-centered solutions for awareness and recycling.

My contribution: I suggested eco-contests and rewards for schools with low plastic usage.

Challenges faced: Finding sponsors for youth initiatives.

What I learned: Collaboration between schools, NGOs, and businesses is essential.

Reflection

This project strengthened my leadership and communication skills. I realized that empowering youth can build a sustainable future for Ghana.

Conclusion

I contributed interviews, social media analysis, and practical ideas for youth participation. I learned that young people are key agents of environmental change.