

# MCOP<sub>5</sub> Challenge Report

AMITY GLOBAL SCHOOL  
GURUGRAM

**Participants:** Anjani, Ansh, Ayati, Jiya, Kiara

**Target:** Campaigning to enhance plastic waste management in and around our school and reducing the use of single use plastic.

(August 24' - November 24')

# August

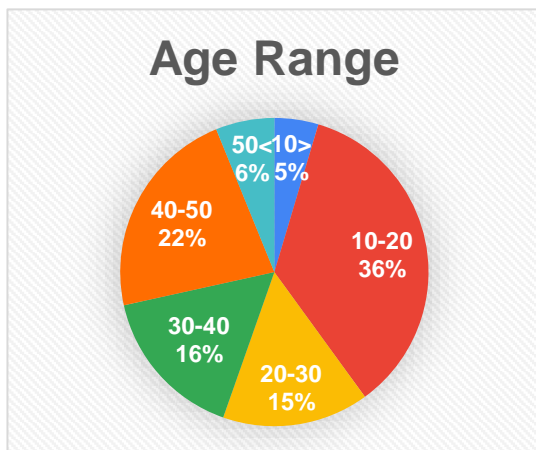
## SURVEY ON PLASTIC USAGE

The survey was conducted to understand the usage patterns and environmental impact of single-use plastics within Gurugram potential interest in alternatives.

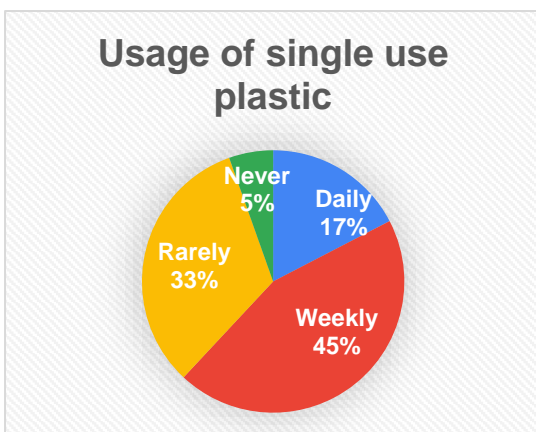
This report will present an overview of survey results and highlight key findings that could inform community efforts to reduce plastic waste and encourage sustainable practices.

This survey was conducted **online**, allowing broad accessibility and convenience for respondents. Using a structured questionnaire, we gathered responses from a **sample of around 300 residents** across various neighborhoods within the city. The online format facilitated anonymous feedback, encouraging honest responses about single-use plastic usage and its perceived impact.

The following is the analysis of this survey:

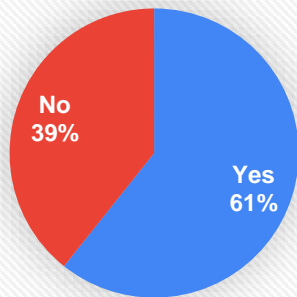


This pie chart represents different age ranges in each group. The largest segment is the 10-20 age range, making up 36%, followed by the 40-50 range at 22%. The 30-40 and 20-30 age ranges constitute 16% and 15%, respectively. The smallest groups are under 10 (5%) and over 50 (6%), suggesting a younger population majority.



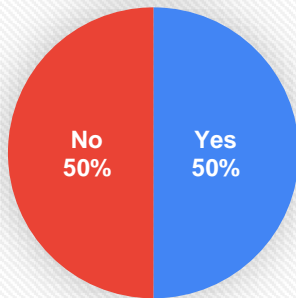
This pie chart shows the frequency of single-use plastic usage. Most people (45%) use it weekly, while 33% use it rarely. A smaller portion, 17%, uses it daily, and only 5% never use it. This indicates that single-use plastic is commonly used despite environmental concerns, though a significant minority is reducing usage by using it rarely or not at all.

Have you personally taken any steps to reduce your use of single-use plastics?



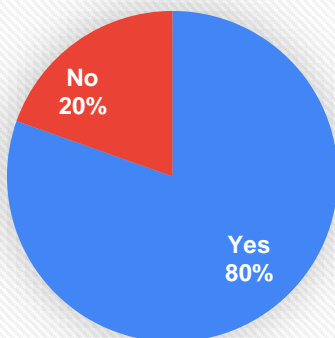
This pie chart shows that 61% of people have taken steps to reduce their use of single-use plastics, while 39% have not. This suggests a majority are becoming more environmentally conscious by adopting measures to limit plastic waste. However, a significant portion has yet to act, indicating the need for increased awareness and incentives for sustainable practices.

Does your community have any initiatives or practices in place to reduce single-use plastic usage?



The pie chart shows that 50% of respondents' communities have initiatives or practices to reduce single-use plastic usage, while the other 50% do not. These equal split highlights a mixed level of commitment or awareness regarding plastic reduction efforts. It suggests that while some communities are actively addressing plastic waste, others may lack initiatives or awareness to tackle this issue.

Would you consider shopping online more if it helped reduce plastic bag use?



The pie chart indicates that 80% of respondents would consider shopping online more if it helped reduce plastic bag use, while 20% would not. This suggests a strong willingness among the majority to adopt online shopping as a strategy to minimize plastic waste. It reflects growing environmental consciousness, with most people open to changing their shopping habits if it leads to a reduction in single-use plastics.



## PLASTIC REDUCTION PLEDGE

The students of the MCOP5 Challenge have taken a collective pledge to reduce single-use plastics within Gurugram, aiming to promote sustainability and lessen our environmental impact. This initiative was driven by a desire to combat the growing issue of plastic waste, which is harmful to the planet. By taking this pledge, our school community committed to making a tangible difference in reducing plastic waste on campus.

Since the pledge was made, we have already begun to see **positive changes**. There has been a noticeable **decrease in the use of plastic bottles**, as many students now bring their own reusable options. The school cafeteria has also shifted toward more eco-friendly practices, **replacing plastic cutlery** with reusable alternatives. Beyond waste reduction, the pledge has sparked a wider conversation about sustainability, with students actively seeking out ways to reduce their environmental footprint both at school and at home. While there are still challenges, such as overcoming habits and finding sustainable packaging solutions, the pledge has brought our school together in a shared effort to protect the environment for future generations.



# September

## AWARENESS PLAY

As part of our efforts to raise awareness about reducing single-use plastic, the students of the MCOP5 Challenge performed a play for the primary school students titled **Pete the Plastic Bottle: A Hero's Journey**. In the play, Pete, a once-discarded plastic bottle, discovers the negative impact of plastic waste on the environment and decides to act. After learning about the harm caused by plastic pollution, Pete embarks on a mission to show everyone that even a small, seemingly useless item can become a hero by being reused or recycled. Throughout the play, Pete interacts with other everyday plastic items and teaches the young audience about the importance of reducing, reusing, and recycling, encouraging them to make better choices to protect the planet.

Following the performance, many students were inspired to act. Teachers noticed a shift in behaviors, with students bringing **reusable water bottles** to school and actively discussing ways to reduce plastic waste in their daily lives. The play sparked conversations about sustainability both in the classroom and at home, and several students expressed a desire to find alternatives to plastic products. Overall, Pete the Plastic Bottle helped create a lasting impression, encouraging the primary students to think critically about their environmental impact and empowering them to become heroes by making more eco-friendly choices.





## SOCIAL MEDIA CAMPAIGN

Our school team, Plastic Busters, launched a social media campaign to promote sustainability practices within our community. This challenge encourages students to act for environmental conservation, and we chose Instagram as our platform to share our journey. Through this account, we documented activities aimed at inspiring peers to reconsider their use of single-use plastics.



Our campaign had several key objectives: **Highlight student-led efforts to encourage eco-friendly practices within our school, use our platform to spread awareness about the impact of single-use plastics and offer practical, sustainable alternatives, provide a space for students to share ideas and learn more.**



## IDEAS FOR GLOBAL COLLABORATION

During a recent visit to the **Netherlands Embassy**, students shared their experiences participating in the MCOP5 Challenge and discussed the importance of global collaboration in reducing single-use plastic. The presentation highlighted the efforts made within our school, including educational campaigns, performances, and workshops, as well as the positive changes seen in student behavior and the school's practices. The conversation then shifted to **how countries can work together to tackle plastic pollution on a larger scale**. It was emphasized that international cooperation is crucial for addressing this global issue, from sharing innovative solutions and best practices to implementing global policies and agreements aimed at reducing plastic waste. The students discussed the role of governments, businesses, and individuals in supporting initiatives like extended producer responsibility, recycling programs, and sustainable product design. The discussion reinforced the idea that by working together, countries can create a united front against plastic pollution and inspire meaningful change worldwide. **The video is attached.**

# October

## AWARENESS WORKSHOPS

A workshop was conducted to help middle schools understand the significance of reducing single-use plastics and encourage innovative thinking to address the issue. The session began with a presentation on the environmental impact of plastic pollution, highlighting how single-use plastics contribute to waste, harm wildlife, and pollute oceans. Students were then divided into small groups to **brainstorm creative solutions and alternatives to common plastic items, such as straws, bottles, and packaging**. They were encouraged to think outside the box and design eco-friendly alternatives or propose ways to reduce plastic consumption in everyday life. The workshop not only educated the students about the consequences of plastic waste but also empowered them to contribute ideas and become part of the solution.

The impact of the workshop was evident in the enthusiasm and engagement of the students. Many of them shared innovative ideas, such as creating plant-based packaging or organizing school-wide initiatives to reduce plastic use. Some students even proposed organizing a plastic-free day at school to encourage the whole community to participate. The workshop sparked a sense of responsibility and creativity, motivating students to apply their new knowledge both at school and at home. We noticed an increased awareness among the students, who began to actively discuss sustainable practices and seek out eco-friendly alternatives. Overall, the workshop inspired the middle schoolers to think critically about the role they can play in reducing plastic waste and motivated them to come up with practical solutions for a more sustainable future.



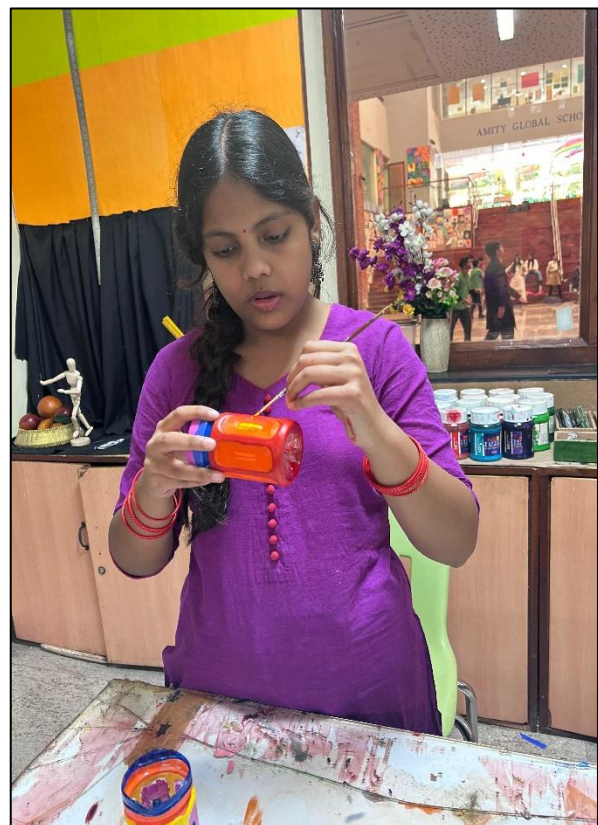


## RECYCLING PLASTIC

Out of the numerous initiatives conducted by us, recycling waste to produce meaningful creations was one of our endeavors aimed to promote sustainability and creativity through the repurposing of materials meant for waste. We believe that recycling waste helps in reducing the unnecessary requirement for landfill and expensive disposal techniques, eventually negatively contributing to added greenhouse gases, excessive pollution and more.

This activity supported raising environmental awareness and was a collective effort by the entire team. To begin with, each one of us engaged in collecting waste from our homes and bringing it to school to cooperatively come up with thoughtful ideas to establish a noteworthy artwork. Additionally, we were supported by other students, who also have a clear objective of living in a better world. Unsurprisingly, painting and crafting out of waste was indeed exhilarating and introduced in us the unforgettable childhood artistic skills and endless creativity.

Furthermore, the **Creativity Action Service (CAS)** team at our school helped us to establish ties with NGO's and other organizations.





## PAPER BAG CAMPAIGN

We worked to reduce single-use plastic through our Paper Bag Campaign. The idea behind this campaign is simple: we make paper bags using waste newspapers, giving them a **second life** and helping to reduce both plastic and paper waste. By turning old newspapers into reusable paper bags, we are providing a sustainable **alternative to plastic bags**, which harms the environment. These handmade bags are being **distributed to local shops and residents**, with the goal of encouraging people to switch from plastic to paper, which is both recyclable and biodegradable.



## Evaluation Pictures



Paper Dustbin without garbage bag to reduce the use of single use garbage bags.



Recycling single use plastic



Students sorting waste into bins



Paper bags from old newspaper and paper



Visit to the Netherlands Embassy to discuss the importance of global collaboration in reducing single-use plastic



Students switching to reuseable/metal bottles to reduce their single use plastic footprint

## Conclusion and Acknowledgements

Through our actions we've successfully raised awareness and inspired action against single-use plastic in Gurugram. The survey helped us understand local attitudes, while the pledge campaign encouraged residents to commit to change. Street plays brought the message to life, and workshops taught people how to be the change. Our social media efforts kept the momentum going, and craft sessions engaged the community in turning waste into useful products. Together, these initiatives have fostered a sense of responsibility, motivating more people to reduce their plastic use and contribute to a cleaner, greener Gurugram. We extend our heartfelt gratitude to WWF for organizing the MCOP5 Challenge, providing us with an invaluable platform to learn and grow. We deeply thank our chairperson, Dr.(Mrs.) Amita Chauhan and our principal, Ms. Arti Gupta for providing us with the opportunity to participate in the MCOP5 Challenge, fostering our growth and learning. We are indebted to our vice principal sir, Mr. Ved Prakash for his constant support. A special thanks to our mentor, Ms. Mehak Chawla, whose guidance and encouragement have been indispensable throughout this journey.