Optimum

Flygneau, Djelessane (Annie) (School: College Dominique Savio)
Belizaire, Abigaelle (School: College Dominique Savio)
Jn Baptiste, Wenshley (School: Collège Dominique Savio)

Plastic waste is found in all countries of the world, and when it is neglected in nature, it causes a lot of damage to our environment. Thus, they pollute our soil, air and underwater areas. Their accumulation damages the different infrastructures and creates the problem of unsanitary conditions. Scattered in the oceans, this waste is ingested by underwater animals and causes diseases that affect the human race that consumes fish. With such destruction assets, plastic waste is not a regional but a global problem. The biggest concern with plastic waste is that it is ubiquitous and cannot be disposed of while destroying the environment. On the other hand, they can be reused to renovate and benefit our modes of operation. It is with this in mind that we came up with an ecological ceramic, made from plastic waste and crushed sand. To obtain it, it is necessary to melt the plastic (thermoplastic) waste in an oven or not to pollute the air, then add sand to the liquid, mix them, give the shape, cool, decorate and polish. The strength of this ceramic makes it more efficient and durable than ordinary ceramics. Its chemical composition facilitates the introduction of dye in manufacturing, which facilitates the decoration of ceramics. The surface of the ceramic is smooth at a reasonable level, to prevent sliding over it and it is favorable to detergent for cleaning.

Awards Won: