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(57) Abstract :

Plastic bottles are increasingly becoming a menace to the environment due to the chemical used in the manufacture, improper use and disposal. Instead of going for the traditional method of recycling the plastic in the environment which is not very economical we can easily reuse plastic by converting waste bottles into useful things which comes handy from industrial use to gardening to arts and crafts. The primary objective of the project is to produce plastic rope by using plastic waste bottles, thus reducing pollution and as well as the production of new plastic by reusing plastic bottles to make ropes. As the reused material is plastic it helps to reduce the plastic waste in the environment and thus reduces harmful effects on the environment and makes it a bit cleaner.

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