

Smart STEM Challenge

Write your project title here

Priyanshi Dhanjika, Rishit Nanda
Harrods International Academy
Phnom Penh

Category:

1. Technology & Robotics

Age Group: **Junior (Grade 7-9)** **Senior (Grade 10-12)**

ABSTRACT:

- **Introduction:** The purpose of this study is to reuse plastic. Every plastic that goes into a wasteland takes about 100 years to biodegrade. We can start off by making it and keeping it in students' tables. This will help students be energized whenever they are tired and they will have a variety of health drinks. It will keep them hydrated without getting distracted. The principle is that the electrical energy is used to dispense the drink. If you turn on the switch, the drink will dispense and if you turn off the switch the drink will stop dispensing.
- **Procedures:** We used cardboard to make the structure of our machine and then we made a simple circuit using switches, batteries, a motor air pump and battery clips. Then we inserted the circuit and made the machine work properly.
- **Results:** The circuit is working smoothly and properly and when we turn on the switch, the liquid is flowing out easily through the pipe.
- **Conclusion:** Our machine works smoothly. When we turn on, the drink will flow smoothly through the pipes and when we turn off the switch the drink will stop flowing.

Organised by



Supported by



Sponsored by

