

The 55th Joint School Science Exhibition

Four F.4 students participated in the 55th Joint School Science Exhibition held in the Exhibition Gallery, Hong Kong Central Library from 18th to 25th August. The group proposed 'MakeUCool', which utilizes a system of tubes containing ethylene glycol to lower the perceived temperature of the human body.

The student list is as below:

4D Tong Chi Kit

4E Lau Kwok Pun

4E Leung Tsz Wang

4E Yung Pok Yu

Introduction of project:

As the problem of global warming has continuously heightened in recent years, the pulling force of blistering temperature from going out is now affecting humans more severely. Our product aims to lower the perceived temperature of the human body from the environment, thus encouraging citizens to do more outdoor activities.

One of the components in our product is a network of tubes that covers your back. This results in a much larger contact surface. Plus, ethylene glycol, which readily absorbs heat, is adopted as the flowing fluid inside the tube. Both features allow heat to be carried away from your body efficiently. In order to build a circular system, a water pump and a radiator are mounted.

While increasing people's vitality, we also hope our product can decrease the usage of air conditioner, tackle the problem from its root.

