

STELLA MATUTINA GIRLS' HIGH SCHOOL, TAIWAN

Solar Power Pipe

— Amy, Frances, Jenny, Tina

Taiwan has been working hard to reach the goal of energy saving and recycling for long. Due to this situation, scientists, the government, and also people in various vocations are trying to combine our everyday habits with eco-awareness.

A Taiwanese architect team built an unique building. In addition to the bottles, which bring sunlight indoors, the infrastructure is made of recyclable materials too. This nine-story tall building is not only energy saving, but also heat-resistant and it uses materials nearly none waste. Therefore, we came up with an idea of directing sunlight to lighten the interior area.

Therefore, we came up with an idea of directing sunlight to lighten the interior area. Adding the concept of optical fiber, we create a pipe, which can guide a light beam into a closed room. Although the strength of the sunshine is not stable, the fact in our experiment that our equipment can light up the dark box is confirmed.