

Ho Fung College (Sponsored by Sik Sik Yuen) Green Policy

Objectives & Policy

The objectives of our environmental education are to provide opportunities for students to acquire the knowledge and skills for sustainable development and to enhance environmental awareness, develop environmentally friendly attitude and promote green practices among school members and the general public.

We adopt a whole school and interdisciplinary approach to realize our objectives for environmental education. All subject departments are expected to help. Departments such as Geography, Liberal Studies, Biology, Chemistry and Integrated Sciences teach relevant topics. Other departments could help when they have the chance to instill concepts of environmental protection. For example, language departments could set essay topics on pollution problems and PE teachers could ask students to clean up basketball courts after matches, etc. Similarly, all ECA clubs and societies could help organise activities related to environmental education. In addition, a group of Student Environmental Protection Ambassadors are appointed to form the Environmental Protection Unit to help practice and promote environmental education in school.

Environmental Protection Measures

Our college adopts many measures to practise environmental protection. They are listed below. Staff and students are encouraged to suggest more.

1. Restricted use / Reuse

- ◆ We have guidelines for the use of air conditioning in classrooms and the school hall to save energy.
- ◆ Our school prefects and class green prefects enforce the switching off of lights, air conditioners, fans, computers and LCD monitors when they are not in use.
- ◆ We use double-sided printing.
- ◆ We restrict the sending out of large number of printed materials to other schools and organisations.
- ◆ We have measures to reuse used paper for drafts and rough work.
- ◆ We encourage to use fewer paper towels to dry hands.
- ◆ We limit the use of photocopying as far as practicable.
- ◆ We have intranet for internal communication to reduce the use of paper.
- ◆ We adopt the e-class system for taking roll calls and sending notices to parents to reduce the use of paper.
- ◆ We promote the idea of “Order Less Waste Less” to reduce food waste in our campus.

2. Recycle

- ◆ We help recycle toners and ink cartridges.
- ◆ We have recycle waste bins for paper, aluminium cans and plastic bottles.
- ◆ We help recycle out-dated information technology equipment such as computers.
- ◆ We help students to donate used books and uniforms.
- ◆ We help students to practise food waste recycling by installing food waste decompose buckets in our planting zone.

3. *Using environmentally-friendly products and practices*

- ◆ Roof top garden is built for lowering temperature and removing carbon dioxide.
- ◆ We install energy efficient lighting such as LED lights and T5 fluorescent tubes to reduce energy consumption while we also provide adequate illumination.
- ◆ We reduce energy consumption with electrical appliances with energy efficiency labels such as air conditioning units to reduce energy consumption while achieving desired thermal comfort.
- ◆ We reduce damage to the ozone layer and global warming impacts by selecting air conditioning units that use environmentally friendly refrigerants.
- ◆ We clean the air conditioners regularly for energy conservation and cleaner air.
- ◆ We install the solar water heating system for the changing rooms in the covered playground as a practical feature for students to learn about renewable energy.
- ◆ We install window films, double glazing, blinds and curtains to reduce heat gain through windows and hence lowering energy requirements for air conditioning.
- ◆ We use rechargeable batteries.
- ◆ We provide a vegetarian menu in our canteen.
- ◆ We use automatic drip irrigation to water some plants.
- ◆ A smart energy monitor is installed for encouraging students and staff to monitor their school energy usage, and provide data on how their behavioral changes can impact on energy consumption.
- ◆ Air purifiers are installed in offices and staff rooms.

4. *Education*

- ◆ We install a wind turbine on the roof as a visible feature to demonstrate the school's green initiative to the public and a practical feature for students to learn about renewable energy.
- ◆ We have a corner in the library to deliver environmental information to our students.
- ◆ We have a lot of plants to help clean the air and beautify our campus and improve mental health.
- ◆ We have built a fish pond to raise the awareness on ecosystem and beautify our campus.
- ◆ We have organised a team of Students Environmental Protection Ambassadors (SEPA), who work together with school prefects and class green prefects to implement our environmental policy, keep the campus clean and educate fellow students.
- ◆ Students have a chance to practise organic planting and food waste recycling and composting in our planting zone.
- ◆ News related to environmental education is often displayed on Ho Fung Channel.
- ◆ Programmes related to environmental education are organized by different departments.
- ◆ Slogans arousing the awareness of environmental protection can be found in different corners of the campus.
- ◆ Join energy saving contests available in the community to promote the energy saving concept.

5. *Efficient operation of air conditioning equipment and lighting equipment*

- ◆ Adjust the room temperature to 25°C.
- ◆ Temperature set point for air conditioners can be higher with the supplement of ceiling mounted fans, without sacrificing thermal comfort.
- ◆ It is more energy efficient when the air conditioners and fans are turned on together to achieve the desired room temperature.
- ◆ Doors segregating air-conditioned and non-air-conditioned spaces are closed.
- ◆ Windows at air-conditioned space are closed when air conditioning is in operation.
- ◆ Clean cooling fins and air filters regularly to ensure air conditioners are operating efficiently.

- ◆ Turn on an appropriate number of air conditioners in the school hall according to the number of classes there, i.e. one set for a form of students, two sets for two forms of students and three sets for three forms or above.
- ◆ Switch off the lights close to windows to utilize day light.
- ◆ Clean light diffusers and reflectors regularly to keep lighting performance.
- ◆ Set a daily schedule for switching off the lighting and air conditioning equipment in the classrooms for conserving energy.