

The Winners and Award Ceremony of 2015 Smart Green Energy: a Creative Energy-Saving Teaching Program at the Level of Senior High School

(Photo and Article by Jian Huei-jhu, Division of Student Affairs and Campus Security)

To respond with the all-round energy saving program, K-12 EA of MOE (referred to as our administration) commissioned National Dongshih Industrial High School to organize the selection of creative energy saving teaching projects in the year of 2015. There were 6 excellent teaching projects that passed the semifinal after the preliminary round. And, after on spot teaching demonstration, Intelligence-ING proposed by Fang Yuan-leng, Wang Ya-wun and Cai Wun-yuan, three teachers of Taichung City Shin Min High School, won the first place; Green Consumption and Low-Carbon Lifestyle proposed by Jhong Yi-liang, a teacher of Taipei Municipal YuCheng Senior High School, won the second place; and Save Energy, Save Earth!, proposed by Lu Ciou-sing, a teacher of Taipei Private Tsai Hsing School, won the third place. There are three other teaching projects that were awarded honorable mentions.

All the projects that were awarded this year have a common feature; that is, they rendered environmental education in a way that is closely hinged to real life. Intelligence-ING, the project that won the first place, proposed Lifelong Learning Passport for Environmental Education--a certification mechanism that facilitates the implementation of sustainable development. This project contains 4 units: Real Moral Character and Sustainable Campus, Smart Retrieval of Knowledge and Fearless Pursuit of Truth, Real Experience of Creativity and Creative Life, and Aesthetic Consciousness and a World of Art. Through the interplay of these four units, students gain knowledge in various fields and apply what they learn to their daily life—a way which helps students develop eco-consciousness and carry out their practice of energy conservation, thereby fulfilling the goal of lifelong learning of environmental education.

Green Consumption and Low-Carbon Lifestyle, the teaching project that won second place, was designed by a teacher of geography, i.e. a sub-field of social studies. The project started with an introduction of how Japan changed its attitude toward green consumption and energy conservation after the 311 earthquake, followed by the reflection on ourselves. This project begins with an introduction of its four themes: TURN, ACT, TOUCH, and MOTIVATE. TURN refers to a kind of belief in low carbon lifestyle and the understanding of its orientation, manner, and implementation. ACT refers to a kind of insistence on the manifestation of low carbon lifestyle through action. TOUCH refers to a kind of recognition; thus, low carbon lifestyle

could sink into people's minds and inspires people. MOTIVATE refers to a kind of spirit that people hold, making low carbon lifestyle their life compass and disseminating such way of living throughout the world. Through divergent thinking, good living habits could be fostered and the concept of sustainable Earth could be materialized. Good life is not just a slogan any more. It becomes a lifestyle.

Save Energy, Save Earth!, the teaching project that won the third place, is a special project that integrates four English language abilities (listening, reading, speaking, and writing) into energy saving education, focusing especially on the abilities of reading and oral presentation. There are various class activities ranging from reading English articles on energy conservation to the presentation of the assigned English special project. Together with the creative editing of the project, these activities serve to help students develop their team communication and cooperation skills. Ultimately, students are expected to cherish, preserve, protect our environment, care for the society in which they live, and most of all, manage to put their love for environment into practice.

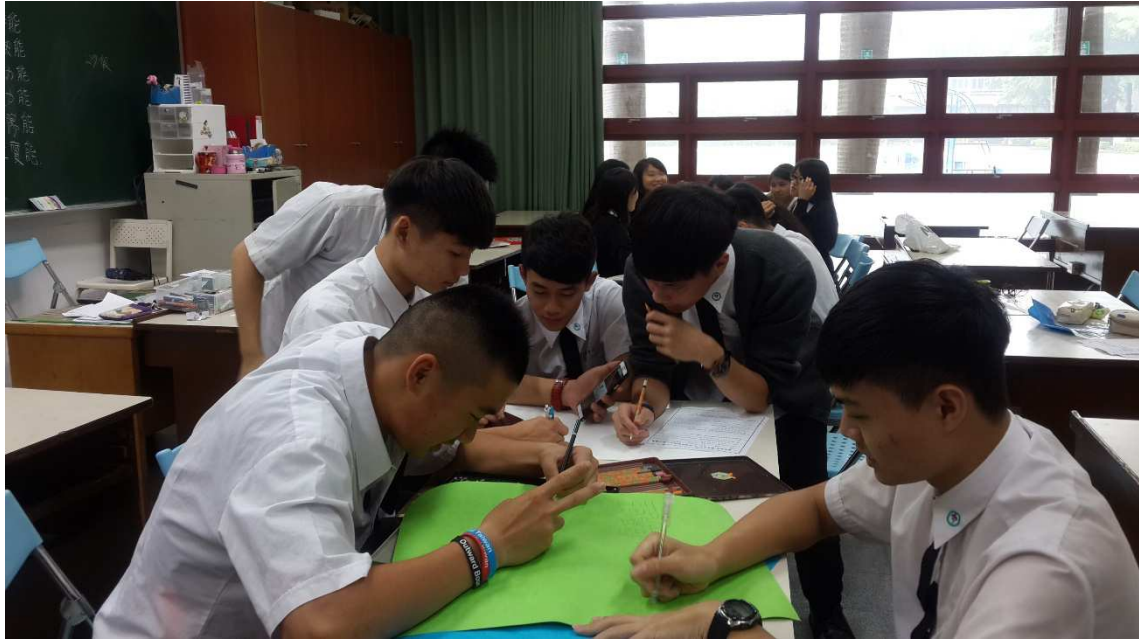
Lin Teng-chiao, Administrative Deputy Minister of MOE and Acting Minister of K-12 EA, presented the award and gift voucher to the winners of this competition during the administration affairs council meeting held on September 4, 2015. Furthermore, each of these winners will also be awarded in their schools. The school principals will also be awarded by our administration in a different occasion. In addition, the prize winning teachers were invited to be the lectures of Seeded Senior High School Teacher Training Conference on Energy Conservation in the school year of 2015 in order to share their creative teaching projects, teaching skills and methods with senior high school teachers, who can subsequently integrate what they learn into their curricula, inspiring students to pay attention to global climate change. An increase of student' environmental consciousness can facilitate the implementation of environmental education, thereby safeguarding our environment. The winner list and their works were displayed on the website of National Dongshih Industrial High School: [http://www.tsvs.tc.edu.tw/Project Section/Selection of Energy Saving Teaching Projects](http://www.tsvs.tc.edu.tw/Project%20Section/Selection%20of%20Energy%20Saving%20Teaching%20Projects). For more information and photos, please go on the Internet and check. The data can be downloaded for free.

Winners List

Rank	Topic	Prize	School	Author
First place	Intelligence-ING	a Certificate of Merit and NT\$ 30,000 product vouchers	Taichung City Private Shin Min High School	Teacher Fang Yuan-leng Teacher Wang Ya-wun Teacher Cai Wun-yuan
Second Place	Green Consumption, Low-Carbon Life	a Certificate of Merit and NT\$ 20,000 product vouchers	Taipei Municipal YuCheng Senior High School	Teacher Zhong Yi-liang
Third Place	Save Energy, Save Earth!	a Certificate of Merit and NT\$ 10,000 product vouchers	Taipei Private Tsai Hsing School	Teacher Lu Ciou-sing
Excellent work	Happy Wedding, Green Miracle	a Certificate of Merit and NT\$ 6,000 product vouchers	Changhua City Private Da Der Commercial and Technical Vocational School	Teacher Ni Yi-Shih
Excellent work	Energy Saving Ark, Save Earth	a Certificate of Merit and NT\$ 6,000 product vouchers	National I-LAN Commercial Vocational Senior High School	Teacher Chen Jian-jhou
Excellent work	Solar Energy Saving Home E-Gadgets for Disaster Prevention	a Certificate of Merit and NT\$ 6,000 product vouchers	National Dajia Industrial Senior High School	Teacher Sie Yi-yu

First place: Intelligence-ING

Caption: Class Discussion Section



First place: Intelligence-ING

Caption: Class Discussion Section



Second Place: Green Consumption, Low-Carbon Life

Caption: In-class activity: green stores sharing



Second Place: Green Consumption, Low-Carbon Life

Caption: Small group report: energy conservation methods sharing



Third Place: Save Energy, Save Earth!

Caption: Lectures of works design



Third Place: Save Energy, Save Earth!

Caption: Student works sharing

