

# LOHAS at the STSP

## Continued Success for the National Nanke International Experimental High School

Annexing existing county schools, the NNKIEH was established on August 1, 2006, and currently has 39 Elementary Department classes, 24 Junior High Department classes, and 10 Bilingual Department classes, accommodating a student body of 2,078. To create a more comprehensive educational system, enrollment for the Senior High Department will begin in fall 2008, taking on a total of three classes and 90 students.



Gifted Students Learning Program participants conduct an outdoor experiment (Sep 29)

## Practical and Forward-Thinking Education

The Elementary Department has long been famous for its English education program. During the 2007 school year, further emphasis was placed on practical English utilization, communication, and interaction via the Internet as well as face-to-face exchange.

The Junior High Department implemented the "Gifted Students Learning Program" in 2007, selecting 30 seventh-grade students for special courses in the "Production and Presentation of Scientific Studies," "Statistics Compilation and Analysis of Scientific Experiments and Surveys," "English Conversation," and "English Composition." These courses involved a variety of experiments (involving such topics as plasma and remote-control cars), and concluded with presentations in both Chinese and English on research contents and results.

In the near future, the Senior High Department will implement the "Creativity, Technology, International (CTI) – Elite 90 Program," to provide senior high students with opportunities for project-based learning and bilingual research. The Department will also establish a "CTI Gifted Students Learning Program" website to showcase research results for exchange with foreign students, and formulating unique course features as a basis for internationalization.

## Expansion of School Grounds Nearing Completion

To provide a superior educational environment for future senior high students, 4.5 hectares will be developed to the east of the existing 5.7-hectare campus in 2008. October 2009 will see the completion of the 300 meter-long athletics field, a dormitory building, gymnasium, swimming pool, three basketball courts, one volleyball court, and two classroom buildings. The library and administration building will be completed in August 2010.

## Excellence in the Student Body and Staff

### Elementary Department Students Create Winning Power-Generation Apparatus

Experimenting with solar power, students in the Elementary Department combined indoor lighting, solar panels, and fans to create a power-generation apparatus that was awarded an Exemplary rating in the Applied Sciences Group at the 2007 Tainan County Elementary and Junior High Science Fair. The entry also won in the "Most Commendable Research Effort" and "Best Group Entry" categories.



Winning Elementary Department students and teachers at the 2007 Tainan County Elementary and Junior High Science Fair (Jun. 1)





NNKIEH Principal Dai pictured with teachers and first-grade student participants in the Teddy Bear Project—"In Touch with Drake," for cross-cultural exchange (January)

### "Teddy Bear" Cross-Cultural Exchange Garner Honors

From the end of 2006, a NNKIEH first-grade class has been involved in the Teddy Bear Project for cross-cultural exchange, sending their teddy bear "Bebe" to East Brook School in Park Ridge, New Jersey (U.S.), and receiving the teddy bear "Drake" in return.

As a part of the exchange, teachers, parents, and four student representatives traveled to Kaohsiung City to participate in the "Project-based Learning Experience Presentation" competition hosted by iEARN-Taiwan, the international organization and originator of the Teddy Bear Project. After much consideration by local and international judges and the acknowledgement of fellow competitors, the NNKIEH team was the only entry to garner the top "Exemplary" rating.

### Elementary Department—Excellence in Reading Promotion

Planning and implementation results for the "From In-depth Reading to Creative Writing" and "Ten-Steps to Reading" reading promotion plans, created by language arts teachers in the Elementary Department, won the NNKIEH the title of 2007 Tainan County Elementary and Junior High School Excellence in Reading Promotion School.



Lunar new-year fireworks made by first-grade students are a live cultural tool



Junior High Department students and teachers pose with Science Fair Award for Excellence in Research (Jun. 1)



"Shatter" entry take the 2007 Bandai Action Kits Universal Cup Taiwan Area Youth Division title (Dec. 9)

### Junior High Department—"The Opening of Plant Pores" Wins Science Fair Award for Excellence in Research

Junior High Department students analyzed common schoolyard plants—the Purple Heart (*Setcreasea pallida*) and Chinese Evergreen (*Aglaonema modestum*), to access optimal conditions for the opening of their pores. The Science Fair entry, titled "The Other Window God Opened—the Opening of Plant Pores," won the Award of Excellence in the Junior High Biology Division at the 2007 Tainan County Elementary and Junior High Schools Science Fair.

### Junior High Department "Shatters" Competition in Taiwan

With the entry titled "Shatter," ninth-grade student Ying-chen Lian walked away with the 2007 Bandai Action Kits Universal Cup Taiwan Area Youth Division title in December 2007. Lien will represent Taiwan at the finals in Hong Kong, and his entry will be exhibited in Hong Kong and Japan.



## Fun and Creative Educational Activities

### Instruction Promoting Fun, Creativity, and Understanding

The exciting Junior High egg-toss was held in the latter half of January. The large number of student participants formed their own teams to explore the scientific principles behind the activity, adding fun to science.

Students and teachers in the Bilingual Department put on the “Dynamic Education Results Exhibition” on June 5, 2007 garnering much applause with their artistic, creative, sincere, and humorous presentations.

### Exercising the Mind & Body—Summer Camp

A variety of activities focusing on science education were designed for students during summer vacation. For the Junior High Department’s “Perceptual Exploration Science Camp,” students toured the Motech Industries Inc., UMC and NCHC facilities for an introduction to the solar panel production process, 12-inch wafer fabs, and the Knowledge Innovation National Grid. The Elementary Department “The Sky’s the Limit—Taking Off from STSP” DIY camp gave students a rudimentary understanding of flight mechanisms through the building of water rockets, kites, and sky lanterns, encouraging dreams of flight.

A Summer Scout Camp was also held to teach scouting techniques and team-building. The “Summer of Fun” Camp encouraged students to explore their different aptitudes through scientific games and English, archery, and swimming lessons; the “Eco-Wilderness Training Troop” tested participants’ courage in rock/tree-climbing and rappelling exercises, cultivating an appreciation for nature conservancy.

## International Exchange and Experience

In July 2007, 14 students and two teachers from the Junior High Department went on a two-week educational tour to the U.S., visiting St. Louis, Columbia, and Hannibal Missouri, as well as Washington D.C. and Los Angeles. Students from Missouri’s Hannibal High School joined them for the two-week duration for international exchange. NNKIEH students also experienced the American lifestyle and culture through interaction with their host families.

In August, 24 Elementary Department students and two teachers visited Varsity College in Queensland, Australia for a three-week educational tour, to participate in the Queensland Government Department of Education, Training and the Arts’ International Elite Student Exchange Program. Students were placed with host families and assigned school buddies to go to class with, helping integrate them into local education, life, and culture.

Also in August, eight students from the Villa Duchesne/Oak Hill School (VDOH) in the U.S. came to the NNKIEH for an educational tour and to explore the Tainan and Kenting regions. In addition to interaction with their host families, students were given a more in-depth look into Chinese culture through a study of the introspective Taiwanese tea culture.



Community Egg Toss Competition (Jan. 30)



Dynamic Education Results Exhibition (Jun. 5)



Perceptual Exploration Science Camp students visit Motech Industries Inc. (Jul. 3)



- 1 | 2 1. NNKIEH students in class with elementary students at Australia's Varsity College (August)  
2. Visit to Hannibal High School—NNKIEH students enjoy the Fourth of July parade with their new American friends (July 4)