

We can achieve! Come join us!



Award : 'Best Project' Award
Event : Polytechnic Student Research Programme 2003
Project Title : Development of Recombinant Polypeptides for Cell-Type Gene Delivery
Organiser : A*STAR
Student : Lee Fen Yee / Diploma in Biotechnology



Award : Second Runners-Up
Event : Pharmacy Quiz 2003
Organiser : Pharmaceutical Society, National University of Singapore
Students : Yian Kian Meng, Juriah Bt Ismail, Shirley Ng, Pang Hui Shan / Diploma in Biomedical Science



Award : Meritorious Award
Event : Singapore National Crystal Growing Challenge 2002
Project Title : Titanic (23cm long)
Organiser : Chemistry Department, National University of Singapore
Students : Ho LiLi / Diploma in Biomedical Science
 Serene Chng / Diploma in Biotechnology



Award : First Runners-Up
Event : Pharmacy Quiz 2002
Organiser : Pharmaceutical Society, National University of Singapore
Students : Choo Zhang Rong, Angie Tan, Lim Xue Ling, Yong Cai Xian / Diploma in Biomedical Science



Award : First Runners-Up
Event : Student Symposium Competition 2003
Project Title : Cheesy Mooncake
Organiser : Singapore Institute of Food Science & Technology (SIFST)
Students : Anna Chau, Guo Xiang Qing, Toh Yu Ru / Diploma in Applied Food Science & Nutrition



Award : 'Best Project' Award
Event : Polytechnic Student Research Programme 2002
Project Title : Gene Therapy for the Central Nervous System
Organiser : A*STAR
Students : Evi, Siti Shyba Bte Omar / Diploma in Biotechnology



Award : Champion (two projects jointly awarded the first prize)
Event : Novation Starch Product Development Challenge 2002
Organiser : National Starch & Chemical (Singapore) Pte Ltd
Project Titles : Othello Okara Chips, Ca-ya
Students : Sharon Goh Fung Yi, Linda Tan Ya Hui, Cheryl Lim Kar Hoon, Cindy Chong Siew Chin, Vincent Lin Jian Hong and Cheong Juan Meng / Diploma in Applied Food Science & Nutrition



Award : Individual Performance Incentive Award
Event : Polytechnic Student Research Programme 2003
Organiser : A*STAR
Student : Juriah Bt Ismail / Diploma in Biomedical Science

SOME OF OUR Favourite Subjects!

Subject : Environmental Technology
Course : Diploma in Chemical Engineering

In this subject, we design a programme for a workshop on environmental technology for secondary school students. This challenges our creativity!

Subject : Product Development & Marketing
Course : Diploma in Applied Food Science & Nutrition

We get a hands-on feel of how new food products are developed, starting from scratch. We also propose products, formulate them and perform sensory tests to investigate consumer response. Finally, we create posters to market the product. In this way, we gain the confidence to take on R&D jobs in food companies or start our test kitchen!

Subject : Good Dispensing Practice and Pharmacotherapy
Course : Diploma in Biomedical Science

We learn about common diseases and the use of drugs in their management and treatment. We also learn to interpret prescriptions, prepare and pack medicine according to pharmacy laws and practise simple counselling skills needed when dispensing medications and over-the-counter products to patients.

Subject : Animal Health and Diseases
Course : Diploma in Biotechnology

We get to examine animals for signs of disease and investigate the causes of disease through diagnostic testing of samples collected from them. We also learn how to approach, handle and restrain animals in a humane way such that the animals go through minimal stress. The learning experience prepares us for work in veterinary clinics/hospitals, research and tertiary institutes, the AVA and the zoo.



Creating a homemade water treatment device



A new product in the making

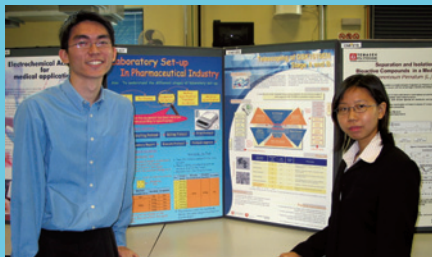


Budding veterinary technologists at work



Students formulating and preparing ointment

Our learning is not confined to the classroom!



Our major projects are presented orally in an exhibition hall!



During Problem Based Learning, we solve problems under the supervision of lecturers to develop problem solving skills, team skills and self-directed learning skills.



We make field trips to hospital kitchens.



We go online to attend lectures.

We enjoy a holistic education with enrichment activities!



Research on Traditional Chinese Medicine



Occupational Safety & Health Seminar & Poster Exhibition



Talk on 'Understanding Acid & Alkaline Balance in Organic Food'



Entrepreneur Talk by Dr Dora Hoan, Winner of HP/ASME Woman Entrepreneur Award (1999)



Problem Based Learning Induction Workshop



Talk on Personal Grooming by Jill Lowe International



We have FUN too!



'Who switched off the lights?'
Learning to trust each other at the Studies Club Main/Sub Committee Retreat



Getting to know each other through games at Orientation



Explaining our ASC courses at the TP Open House



Working in tandem with team members at the ASC Funathlon



Night Cycling: Owl II



Presenting projects at the Food Preservation & Quality Exhibition



Raising funds for needy students on Campus Care Network Day

Enjoy first-hand what we do NOW! Participate in our Secondary School Science Enrichment Workshops!

At ASc, we like to give secondary school students a chance to experience hands-on laboratory sessions. Come don a lab coat and join us in our foray into science! All you need to do is arm yourselves with an interest in science and get your teachers to sign you up for our workshops to be held in June and September (Tech Month)!

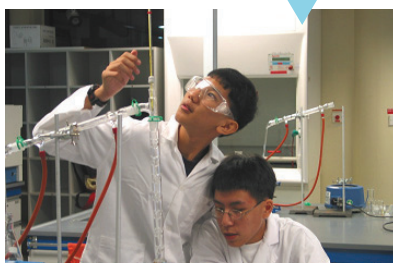


Preparation of Over-the-Counter Medications - Aspirin Capsules & Oil of Wintergreen Ointment



Amazing Starches

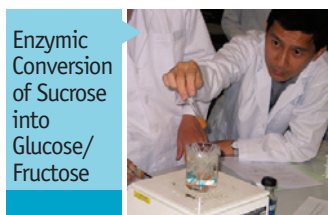
Nature's Gift, Source of Life: From Salt to Water



Forensic Detective - Whodunnit?



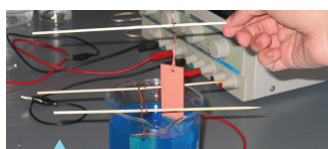
Virus & Vaccine



Enzymic Conversion of Sucrose into Glucose/ Fructose



Bugs Light-Up



Electroplating

E-mail or snail-mail the following details to us if you wish to participate in our enrichment workshops in June and September 2004.

Name: _____

Sec Sch: _____

Sec Level: _____ Class: _____

HomeAddress: _____

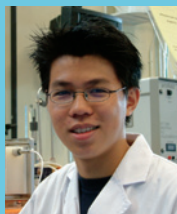
E-mail Address: _____

Interest: (You may tick more than one.)

- Applied Food Science & Nutrition
- Biomedical Science
- Biotechnology
- Chemical Engineering

Details of the workshops will be sent to your secondary school. Please apply for the workshops through your Science teachers.

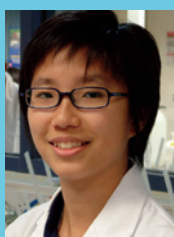
Temasek Applied Science School General Office
(Enrichment Workshops)
21 Tampines Avenue 1
Singapore 529757
webmaster@tp.edu.sg
(Subject: Enrichment Workshops)



The learning environment in Temasek Applied Science School adequately prepared me for my brief working stint during the Student Internship Programme. The laboratory facilities are excellent and comparable to those in the industry. Moreover, I was able to put to practice all that I had learnt during lectures and tutorials thus convincing me that I had made the right choice coming to Temasek Applied Science School. My experience here has been fulfilling and has developed me as a person.

Foo Say Yei
Year 3, Diploma in Chemical Engineering

I have gained valuable problem solving and research skills in Temasek Applied Science School. It is a learning environment that strongly encourages critical thinking. My lecturers have been like mentors, encouraging and helping me throughout my academic years. My time here has been wonderful.



Ho LiLi
Year 3, Diploma in Biomedical Science



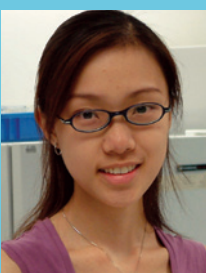
The academic opportunities and co-curricular activities have enabled me to be a well-rounded student, an independent learner and an active citizen. And there's nothing like TP's refreshing landscape to lift the soul after a long tiring day!

Hemalatha
Year 3, Diploma in Consumer Science & Technology

The School has equipped me with valuable technical competence and communication skills, which, I am confident, will be beneficial when I start working. The School's activities have taught me to be an independent learner with good time management skills.



Nur Annisaa Bte Zaini
Year 3, Diploma in Biotechnology



I have learnt to be an independent and confident worker through problem-based learning, e-lectures and interactive course materials.

Choo Ming Jiao
Year 3, Diploma in Applied Food Science & Nutrition

Students who excelled in ASc !



Diploma in Biomedical Science (BMS)

Name: Mariati
Achievement: Lee Kuan Yew Award (2003), Best Poster Presentation Award at the 4th Singapore Congress in Obstetrics & Gynaecology
Current Work: Medical Technologist at Singapore General Hospital

Diploma in Chemical Engineering (ChE)

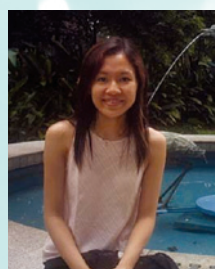
Name: Li Dan
Achievement: Lee Kuan Yew Award
Current Pursuit: Collecting high distinctions at University of New South Wales

Diploma in Applied Food Science & Nutrition (AFSN)

Name: Angeline Liew
Achievement: Lee Kuan Yew Step Scholarship (2001), Temasek Co-Curricular Activities (CCA) Merit award (1998), CCA Distinction Award (1999), Well-Rounded Student Award (1997 - 2000)



Current Pursuit: Completing degree in Pharmacy at the National University of Singapore



Diploma in Biotechnology (BIO)

Name: Lin Pao Chun
Achievement: 4-Year Direct Honours University Scholarship Programme at National University of Singapore
Current Pursuit: She is in the midst of co-authoring a book on tissue engineering with a renowned scientist at the National University Medical Institute.

These students received the Golden Jubilee Award (full scholarship) to pursue a degree programme at the University of New South Wales:

- Elizabeth Tan / BIO (1999)
 - May Thandar Aung / BIO (2001)
 - Lim Ai Khim / BIO (2002)
 - Li Dan / ChE (2001)
 - Lee Huang Chun / AFSN (1999)*
 - Ow Siak Wei Dave / AFSN (2000)*
- * Graduated with First Class Honours