SCHOOL TEACHERS ENRICHMENT PROGRAMME

Propel into the Exciting Learning Experience at Singapore Polytechnic
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We would like to invite you to ‘STEP’ into the exciting learning experience at Singapore Polytechnic.

SATURDAY 12 JANUARY 2008
8.00am to 1.00pm Vanda Room
Singapore Polytechnic Staff Centre

STEP is specially organised for school teachers to explore Business, Chemical and Life Sciences, Design, Electrical and Electronic Engineering, Built Environment, Media & Info-Communications Technology, Mechanical and Manufacturing Engineering, and the Maritime world.

Complete the registration form and select one of the seven programmes (A to G) which you would like to participate in.

Please fax your registration form to 6772 1959 or email to STEP@sp.edu.sg before Saturday 1 December 2007 for your booking.
Programme

0800  Registration at Vanda Room
      Singapore Polytechnic Staff Centre
      (Light refreshments will be served)

0830  Welcome Address
      Mr Tan Hang Cheong
      Principal
      Singapore Polytechnic

0840  Speech by Guest of Honour
      Ms Sum Chee Wah
      Director of Education Programmes
      Ministry of Education

0850  Video Presentation

0900  Commencement of
      STEP 2008 Programmes

1200  Buffet Lunch at Vanda Room @ SP Staff Centre

1300  Tour of SP’s Projects Exhibition
See the practical side of business and the benefits of experiential learning!

It’s all happening here, in the School of Business! A combination of technology, games, and shopping makes learning fun and effective. Just step into the shoes of our students for a few hours and experience the Digital Media Studio and the Retail Place. Take part and enjoy a round of Account Poly game.
Explore the water we drink

View our small scale water desalination system and see for yourself how samples of sea and river water can be converted into safe, clean, drinking water. Try testing tap and distilled water for pH levels, conductivity and turbidity.

PROGRAMME B

School of the Built Environment
Design strategies to generate recombinant DNA molecules!

Perform restriction enzyme digestion and simulation of agarose gel electrophoresis to verify recombinant DNA molecules. Also, pick up rudimentary web-based bioinformatics skills.
**Articulating Design by Appraising Experience**

Unravel extraordinariness of everyday happenings and uncover opportunities with new perspectives. Engage with the choices you make, how you perceive and filter actions. Observe reality to design messages or spatial experiences that connect with an unprompted response and meaning. Delve, Decipher, Create.
There’s no escape… science is everywhere!

Explore and interact with unseen fields of physics. See and hear how a simple anti-gravity machine works. Wave and play eerie sounds. Check into our “clinic” and use our biomedical equipment to examine the human body. Hear and see the velocity of blood flowing in your carotid artery. Use electrical current to strengthen your muscles and relieve your pain. Step into the future where our students show you their Dream Home.

Dr Rajnish Gupta
Senior Lecturer
School of Electrical and Electronic Engineering
Ahoy There! Come Sail with Us.

Have an enjoyable morning and a unique maritime experience.

Get hands-on familiarisation of our state-of-the-art simulators. Taste the sensation of the open sea without leaving shore. We'll show you a real engine room on land.

Cruise on our SP@Dover and discover “back stage” the movers of the economy. Find out how commodities including perishable food are transported across the ocean to Singapore.

(Participants are encouraged to be attired in jeans/slacks and shoes/sandals)
Step into the world of Computer Aided Design and Numerical Control

Visit our Computer Aided Design Lab and bring home a unique souvenir that you design yourself, using the state-of-the-art CAD/CAM system and Computer Numerical Control Technology.

Create effective teaching aids

Try your hand at developing interactive teaching aids using a 2D authoring tool. Learn how to dissect a simple teaching aid as well as design your own unique teaching aids using Flash.

PROGRAMME G
School of Media & Info-Communications Technology

Erica Wong
Lecturer
School of Media and Info-Communications Technology

Jennie Wee
Lecturer
School of Mechanical and Manufacturing Engineering

PROGRAMME G
School of Mechanical & Manufacturing Engineering
For more information please contact:

Chan Keong Chee
6772 1177

Francis Hong
6772 1010

Lim How Kim
6772 1253

Coming to Singapore Polytechnic:

By Car or Taxi
Please enter by Gate 7 along Commonwealth Avenue West or Gate 3 along Dover Road
(See map behind)

By MRT
Alight at Dover Station and enter via pedestrian entrance

By Bus
33 and 196 (Along Dover Road) or 14, 74, 105, 106, 147, and 166
(Along Commonwealth Avenue West)