

Creative linking of science with things around us promote discovery as well as add meaning to the learning of Science as a subject. In this workshop, Dr Janchai will show you --- (1) How to use items around us to make science activities more meaningful, effective & interesting (2) How to cultivate intrinsic motivation for learning science, and (3) How to develop scientific thinking abilities and creativity.



(W1) Fun with Creative Science

(Part 2) ♦ 2 June 2010

Some activities that will be covered in this workshop include:

- ✦ Fun Science ideas in daily life
- ✦ Fun Science with your Body
- ✦ Exploring micrometeorites
- ✦ Great hands-on experiments/ activities with a magnet
- ✦ Fun science with a can
- ✦ Exploring energy and matters with toys
- ✦ Detective Science and Science at night using UV lights



All participants will take home some fun creations plus a CD to illustrate teaching of different science concepts covered in the workshops!

(W2) Fun Science Classroom

Anytime, Anywhere ♦ 8 Sep 2010

Some topics which will be covered include:

- Ⓜ **Electricity.** Learn great ideas on how to use interesting toys and tools to teach students about electric currents, circuits and waves.
- Ⓜ **Heat.** Fun ideas to illustrate to students the characteristics of heat. Effects and transmission of heat.
- Ⓜ **Light.** Great ideas to illustrate light as a form of energy and explore characteristics of light waves
- Ⓜ **Conversion of Energy.** Interesting ideas to show how energy is converted from one form to another.
- Ⓜ **Explore Forces through Simple and Fun Mechanisms.** Fun ways to illustrate forces and other science concepts and stimulate hands-on and inquisitive minds through exploring simple mechanisms.



Feedback from some of our past participants:

- It is a fun & innovative workshop for teachers. Definitely a must have for teachers. – *Constance Lee, Junyuan Pri*
- Toys given are very useful. Hands-on activities are stimulating. It shows Science with reference to daily life, which makes learning science more meaningful. – *Nor Aisha, St Anthony's Canossian Pri*
- Creative & hands-on activities that I may use in class. I have learnt ways to make Science fun – *Angela Tan, Raffles Girls' Sch*
- It is very interesting and exciting to learn and to teach in this manner. All science teachers should attend this seminar. Nothing that I have attended so far was close/ comparable to this seminar. Superb! – *Tony Fun, Kent Ridge Sec Sch*

About the Speaker

DR. JANCHAI YINGPRAYOON was the first Asian President of the International Council of Associations for Science Education (ICASE). He was also Head of Physics Department and Assistant to the Director of the Institute for the Promotion of Teaching Science and Technology (IPST), Bangkok; and the Chairman of Science Teachers' Section, Science Society of Thailand. He is a creative and humorous lecturer who is particularly interested in teaching science with toys and hands-on activities. Dr. Janchai is also well known internationally and has been invited to many international conferences as keynote speaker. He has conducted extremely innovative workshops in many countries around the world such as China, Malaysia, Singapore, Hong Kong, Indonesia, Germany, England, France, Hungary, Canada, Argentina, Italy, India, Spain and Sri Langka, etc.

- Yes! Please register me for **"Fun with Creative Science, Part 2", 9am-5pm** on 2 Jun 10 (No Lunch Provided)
- Normal rate of S\$180 nett/person Group rate of S\$150 nett/person for 3 or more Past participant at \$140nett*
- Yes! Please register me for **"Fun Science Classroom Anytime, Anywhere", 9am-5pm** on 8 Sep 10 (No Lunch Provided)
- Normal rate of S\$180 nett/person Group rate of S\$150 nett/person for 3 or more Past participant at \$140nett*

Institution _____ Tel _____ Fax _____
Address _____ S(_____)

Pls indicate (P)-Normal participant or (PP)-Past participant next to name

Please Circle Workshops

Name _____	Job Title _____	HP _____	Email _____	W1	W2
Name _____	Job Title _____	HP _____	Email _____	W1	W2
Name _____	Job Title _____	HP _____	Email _____	W1	W2

Payment by IFAAS Institution Cheque Personal Cheque. cheque no. _____

For registration, please fax, mail or email your particulars to and make your cheque payment payable to **Synergyst Pte Ltd**, 10 Tampines Road, Singapore 535065. Upon receipt of registration, any request for cancellation will be charged a 30% admin fee and must be made in writing, no later than 7 working days before the event. In the event of cancellation less than 7 working days or if participant fails to attend, the participant is liable for the full fee. Synergyst reserves the right to amend, postpone or cancel the event due to unforeseen circumstances.

* Past participants refer to those who had attended Dr Janchai's Full-day Fun Science Workshops only. (WEB)

Institution Stamp