

Mathematics is more than just numbers and solving endless problems. Gather ideas on how to make your Maths lesson fun by introducing magic, card tricks, puzzles and games that are based on sound mathematics concepts. Through our heuristic approach, you can also stimulate your students' mathematical thinking, develop their problem solving skills and unleash their creativity in fun and magical ways. With more than 1500 local teachers having attended our Maths workshops, you will definitely find it beneficial too.

## Mathematics Magic & Fun in Classroom

3 Jun 2010 \* 9am – 5pm \* PSB Academy (behind Tiong Bahru MRT stn)

Join us in this 1-day interactive and thought-provoking workshop where Mdm Teoh will share on a series of motivational ideas to inspire students of different grades and varying levels of ability. This workshop suggests creative ways of facilitating the learning of mathematics:

- Through mathematical magic to develop mathematical thinking and creativity
- Using hands-on activities like playing cards to develop problem solving strategies and conceptual understanding of **number sense, arithmetic, finger times tables, problem sums, fraction, arrangement, pattern recognition, mass, units of measurement and simple algebra**; &
- By exploring the possibilities of using the same trick for different age groups and for different objectives

This workshop also discusses

- The five steps to creativity;
- The barriers to creativity; and
- The application of Kano Model in mathematics education.



## Fun Maths Lessons with Puzzles & Cards

23 July 2010 \* 9am–5pm \*PSB Academy (behind Tiong Bahru MRT stn)

In this 1-day interactive and thought-provoking workshop, you will

- Learn creative ways of facilitating the learning of mathematics (including **simple algebra, number sense, number bond, arithmetic, pattern recognition, and problem sums**) with card tricks, card games and puzzles;
- Discover a series of motivational ideas to develop problem solving strategies, mathematical thinking and creativity via card games;
- Explore the possibilities of using the same trick for different age groups and for different objectives
- Learn powerful concept of Mega Creativity by Dr Andrei Aleinikov
- The Torrance's Criteria for the measurement of creativity
- Developing creativity through multiple intelligences

### Listed below are some of the feedbacks collected from our past workshops.

- Useful hands-on magic with so much power in creating interest. Real eye-opener on how simple manipulative can be used to show mathematical related concepts. Loved the fast finger-counting way of multiplication tables. Thanks for all the handy tips and experience sharing of teaching weaker pupils and own child! - **Ms Jess Wong, Casuarina Pri Sch**
- Very enlightening. After 10 years, I have finally seen a different approach in teaching Maths. You have made simple things create great impacts. Will love to share these with the rest of the staff back in school. - **Mdm Chandramohan, Compassvale Pri Sch**
- Fantastic magic card tricks that can be used for maths lessons. - **Ms Mohamad Suhirman, Tao Nan Sch**
- This is revolutionary and capturing! This is one of the best workshops ever. It does not just focus on mathematical content, the instructor also inculcate some values and stimulate some self-reflection. - **Ms Angela Tay, South View Pri**
- The speaker gives very good, interesting and creative ideas on how to teach maths and ways of arousing the children's curiosity about maths. Course materials are useful and very much appreciated. - **Ms Rachel Lim, Nanyang Pri**

### About our Maths workshops

We have 3 different Maths workshops for teachers (including one on Problem Solving Strategies). They can be conducted **in-house** in **full-day** or **half-day** format. We also conduct **Creative Maths enrichment for students**. For details, please email: [lisung@synergyst.com](mailto:lisung@synergyst.com) or call 91872399.

### About the speaker

**MDM. TEOH POH YEW** is a dynamic and creative mathematics educator, who firmly believes that everyone can learn and enjoy Mathematics. With her unique expertise, she weaves a web of magic so that mathematics emerges as the ideal subject to stimulate creativity, enhance thinking skills, and sharpen problem solving abilities. Mdm Teoh conducted numerous talks/workshops on creativity, mathematics education and early education for teachers, lecturers, parents and students in Singapore, USA, Malaysia, Hongkong, Germany, India, Bulgaria, China and many other countries.

### About the Organiser

**Synergyst** is a training consultancy company, passionate in promoting *Professional Development of Teachers & Experiential Learning of Students* through Creative Teaching and Learning. Working with a pool of enlightened and world-renowned professionals, we provide a wide range of services including workshops, exciting science and maths shows, enrichment programmes, and educational trips to Thailand, China and Vietnam.

<input type="checkbox"/> Please register me for <b>"Mathematics Magic and Fun in Classroom"</b> , 3 Jun 2010, 9am–5pm, PSB Academy	
<input type="checkbox"/> Please register me for <b>"Fun Maths Lessons with Puzzles &amp; Cards"</b> , 23 Jul 2010, 9am–5pm, PSB Academy	
<input type="checkbox"/> Normal rate of S\$180 nett per participant.	<input type="checkbox"/> Past Participant rate of S\$140 nett per participant*
<input type="checkbox"/> Group rate of S\$150 nett per participant for groups of 3 or more from the same Institution. <span style="float: right;">* No lunch provided</span>	
Institution _____	Tel _____ Fax _____
Address _____ S( _____ )	
Dr/Mr/Ms _____	Job Title _____ HP _____ Email _____
Dr/Mr/Ms _____	Job Title _____ HP _____ Email _____
Dr/Mr/Ms _____	Job Title _____ HP _____ Email _____
Payment by <input type="checkbox"/> Ifass <input type="checkbox"/> Cheque. Please indicate cheque no. _____	
For registration, please fax, mail or email your particulars to and make your cheque payment payable to <b>Synergyst Pte Ltd</b> , 10 Tampines S(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. * for participants who attended our Mathematics workshop by Mdm Teoh only. <span style="float: right;">(WEB)</span>	
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