

DepEd Advisory No. 490, s. 2011
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EDUCATORS MENTAL MATH LOGIC GAMING WORKSHOP
(An Alternative Mathematical Applications on Tower of *Hanoi* and *Kakuro*)

The Math and Science Young Adventurer's Club (MSYAC) will hold the two-day "**Educators Mental Math Logic Gaming Workshop,**" an alternative Mathematical Applications on Tower of *Hanoi* and *Kakuro* at the Baguio Country Club Road, Baguio City on the following schedules:

Schedule	Activity
November 18, 2011 (Day 1) Friday	Tower of <i>Hanoi</i> – gaming follows on 3 disks, 4 disks, 5 disks, 6 disks and 7 disks
November 19, 2011 (Day 2) Saturday	<i>Kakuro</i>

The **Tower of *Hanoi*** is used as a teaching strategy in **Exponential Expression** and **Number Sequence**. It is also known as the Tower of *Benares*, a truly mathematical game or puzzle. It consists of three (3) rods and a number of disks of different sizes which can slide unto any rod. The puzzle starts with the disks neatly attached in order of size on one rod, the smallest at the top. Thus, making a conical shape.

The ***Kakuro*** is a number puzzle game in which the operation of Mathematics is applied. This game is related to *Sudoku* where logic is emphasized.

This activity aims to impart to the teacher-participants the teaching strategy on exponential expression and number sequence using Tower of *Hanoi*, a Mathematical craze currently used by the Philippine Normal University's Mathematics teachers.

Lecture and gaming competition among the participants are lined up for the workshop.

The target participants are all Mathematics teachers, school principals and any other teachers who are interested to join.

A registration fee of Three Thousand Seven Hundred Fifty Pesos (PhP3,750.00) will be charged to each participant inclusive of one(1) CD power point presentation (a visual presentation on Tower of *Hanoi* and *Kakuro*, hand-out reading materials for Tower of *Hanoi* and *Kakuro*, certificate of participation, one (1) copy of Mathematical problem exercises with solution and answer key, breakfast (1), snack (1) and lunch (2), and one (1) night accomodation at Teachers Camp, Baguio City. However, a discounted rate of Three Thousand Three Hundred Seventy Five Pesos (PhP3, 3,375.00) will be offered to each early registrant.

The payments should be made on or before **October 20, 2011** to the Metrobank (*Kamuning* Branch) Savings Account No.: 229-3229-07163-8 under the account name of ***Tulong Duka Foundation, Inc.*** There will be **no payment of registration fee at the venue.**

For more information, visit **Ms. Kareen Ferrer**, Gaming Directress, MSYAC at Unit 21 LGI Terrace, 49 Aguilar Street, Project 7, Quezon City or contact this Office at telephone nos.: (02) 411-9311; (02) 416-9311 or at mobile phone no.: 0915-888-0071.