

# Academic CLUBS



Mathematics Society

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Mr. K.B. Ching

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## Introduction

The academic year 2005 – 2006 was a rewarding year for Mathematics Society. Mathematics was sometimes regarded as just math calculations, instead of maintaining this idea in our members, we held a number of active, interesting activities for all students to promote the fun and interesting side of mathematics. We held functions to explore some logic based mathematics game, as well as checkpoint hunts to increase students' interest in mathematics. The response was marvelous and overwhelming.

## Recruitment Week

(3<sup>rd</sup> to 7<sup>th</sup> October 2005)

The 5-day recruitment process was designed by the Student's Union to let junior students understand the school's clubs better. The Society this year showcased some sudoku puzzles and mathematics journals. 96 members joined the Society this year in total, with

both new members and old members.

## Publication Inspire: Maths Journal 05-06

(February, 2006)

A maths journal was published on February 2006. Copies were given to all members and teacher advisors. Covering contents from history of famous mathematician to the latest mathematics puzzle – sudoku, all the readers enjoyed the journal. Mathematics paradoxes and challenging mathematics problems were included as well.



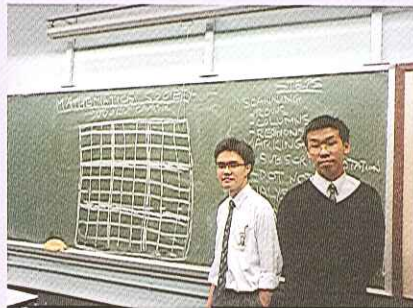
## Open Day

(26<sup>th</sup> February 2006)

Hosted in the classroom 2B, mathematics game challenge, sudoku workshop and mathematics exhibition was held. A fun and challenging mathematics game was created and the responses were wonderful. Models including Hanoi's Tower, Rubik's Cube and Locks and Keys were displayed as well.

There was a sudoku workshop for all of the visitors and students. The participants are introduced to the





sudoku puzzle by our helpers and learn the techniques of tackling the puzzles. With the help of computer equipment, the workshop was very interactive and was well received by all the visitors. Copies of Maths Journal were also given to visitors that day.

### Sudoku Course and Competition (March, 2006)

Sudoku is a logical game that is gaining its popularity all over the world. The game is fun to either novices or experts as a typical puzzle often occupies ten to thirty minutes. It is so challenging and addictive that people will not give up once they have started. We organized this course to allow the students to look for some tips and skills in completing the Sudoku. The first part of the course includes introduction of sudoku and basic sudoku techniques, the second part of the course includes introduction of different types of sudoku and advanced techniques. A competition was held at the end of the last course.



The winners are Winton So from F.3D and Wun Hon Yip from F.3E.

### Math Hunt 06' (2<sup>nd</sup> May 2006)

This is the second year in which this event was held. With the campus as the game site, Math Hunt provides students the chance of exploring their school and experiencing Mathematics in a novel way.



This year there were a total of 14 teams participating in the event. They were to find out 20 checkpoints around the school and solve the Mathematics problems. The participants enjoyed the event and demonstrated their leadership, team work and Mathematical ability. Finally, after the two-hour competition, the team from 2E captured the Champion and received the prize.

### Collaboration with Hong Kong Joint School Mathematics Society

One of our executive committee members, Sam Wong, was elected as the Math Coordinator of HKJSMS. Class promotions were conducted for the Inter-School Mathematics Contest and Joint-school Maths Camp. The Inter-School Mathematics Contest was held on 13<sup>th</sup> May 2006 at HKUST and the Joint-school Maths Camp was held on 8<sup>th</sup> August to 10<sup>th</sup> August 2006 at Cheung Chau.

### Conclusion

The Mathematics Society 2005 – 2006 has successfully testified that mathematics is not just simply an academic subject, but also very interesting and we can have lots of fun in it. All executive members would like to take this opportunity to thank our teacher-in-charge, Mr. K.B. Ching as well as all other teacher advisors for their endless support and valuable advices. We would also like to express our gratitude to all our members for support us throughout the year.

