

Established in 1991, the Mathematics Society is running its twentieth year in St. Joseph's College this year. Mathematics is an important subject for all students, and could be always put to use in later life. However, some students find Mathematics difficult and useless, and have little interest in the subject. The Mathematics Society acknowledges this fact and tries to arouse students' interest in Mathematics through its activities throughout the year, to show that Mathematics is not merely a school subject, but in fact a fun and fascinating realm that has an intrinsic beauty. We also hope to show students that Mathematics is not limited to exercises and questions in textbooks, but is also applicable in our daily lives.

Recruitment Week 2011

The recruitment week this year is quite successful as we have succeeded in promoting the Mathematics Society to SJC students and make them understand that Mathematics is not as boring as some students have misunderstood.



The recruitment was quite successful and we hope there can be a more promising results in the coming years. In fact, it is important to let students know that learning Mathematics is really meaningful.

Chairman
5F Thomas Fung

Vice Chairmen
5F James Chow
5F Rudolf Sidhu

Internal Secretary
5F Waylon Chan

External Secretary
5F Aaron Cheung

Financial Secretary
5F Johnathan Wong

General Secretary
5E Jonathan Yuen

IT Secretary
5E Kim Lum

Mathematics Directors
4F Ian Kwan
3E Terence Tsui

Student Coordinator
4F Wayne Leung

Teacher-in-charge
Mr. K. B. Ching

Inter-class Mathematics Selection Test

The main objective of the selection test is to choose talented students from Form 1 to 3 for further trainings to prepare for various Mathematics competitions in the coming years. Also, we would like to build up talented students' interest in Mathematics and give them an opportunity to show their strength in Mathematics through the arranged further training, which started in mid-October.

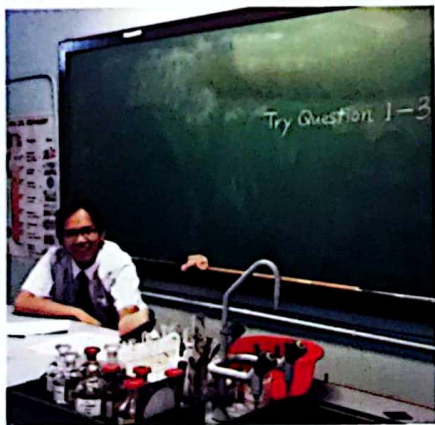
The selection test for Form 1 was held on 19th September 2011, 20th September for Form 2, and 22nd September for Form 3. Every student from Form 1 to 3 was required to take the selection test during lesson time. In the end, the test papers were marked by the members of the executive committee of the Mathematics Society, and the five highest scoring students of each class was selected to partake in the special classes.

Annual General Meeting

The Annual General Meeting of Mathematics Society 2011-2012 was held on 4th November, 2011 in the Audio Visual Room. All members were invited to participate in the meeting. In the meeting, teacher-in-charge of Mathematics Society Mr. K. B. Ching marked the opening by giving a warm welcoming speech to welcome new members to join in. Next, President Thomas Fung (5F) welcomed the members once again to the Mathematics Society. The executive committee members also introduced themselves and the teacher advisors of the year. Then, the aims and visions of the year were listed out. After that, the details of each event that will be organized were explained clearly to our members.

The reactions of the members were very positive. Most of them were astonished on the meaningful and enriching mathematics related activities offered by the Mathematics Society, they were also impressed on the thoughtfulness of the executive committee members as some members had wanted to stay tuned to the newest activities of the Mathematics Society.

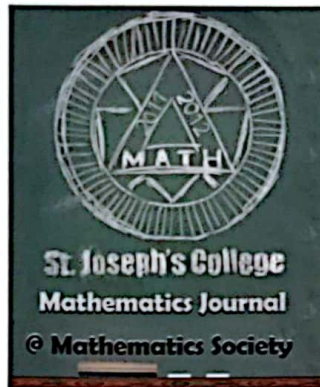
Regular Special Mathematics Classes



The special classes are arranged for the talented students from Form 1 to 3. The participants of these classes were selected by the contest organized by the Mathematics Society, which had mentioned above. Teachers may also invite 1 to 2 boys from their classes to participate in these classes. These classes started on 4/10/11 (Monday) for Form 1 and 6/10/11 (Thurs) for Form 2 and 3 students in the General Science Laboratory in the first term, and in the second term it started on 16/2/12 (Thursday) for Form 2 and 3 students, also 14/2/11 (Tuesday) for Form 1 students. Classes were taught by Mathematics teachers and Executive Committee members of the Mathematics Society alternately.

Mathematics Journal

The Mathematics Journal is published annually to provide a channel for our schoolmates, both members and non-members, as well as outsiders to have a better idea of our club's current activity. In addition, it includes several mathematical problems and magic, which aim at raising readers' interest in Mathematics. This year's math journal is



delicately designed. The math journal is free of charge for our club's members and \$10 for non-members. The math journal is popular among our members. Besides, on Green and White Day, we sold 15 math journals to guests, bringing money to support our club's upcoming event at school.

137th Anniversary Green and White Day

In this year's Green and White Day, held on 12th February, 2012 (Sunday), the Mathematics Society stall was situated in Classroom 1A. This year, we entertained visitors with mathematics games. Behind each game counter, a board was set up explaining the related Mathematics concepts of each game.

The first game is called 'Mathematics Millionaire'. 15 mathematics questions were shown in the projector of the classroom for each single set, and just like the well-known game show "Who Wants to be a Millionaire". The difficulties of the game depended on the age of the player.

Another game is the 'Card-based Games'. Another great attraction of last year was the tile-based game Rummikub, in which tables were put together and people gather to play a round of Mathematical and logic-based game.

This year, we would like to try another game, which is a family-friendly card game. Players gather to find groups of similar features from a pile of cards with different patterns on them.

Finally, there were card guessing games which was simple for any game, as it entirely based on luck. A worker reveals one card at the start, and then tells the player to guess if the next card is larger in value or smaller. The game ends when the player guesses wrong.

Inter-class Sudoku Competition

The aim for organizing the function is to promote the fun and pleasure in doing Sudoku, and to train students' logical thinking skills. It was held on 2nd April, 2012 during lunch time in classroom 6D, and was open to all Form 1 to 3 students. The competition is a great success. Competitors include all form 1 to 3 students. After an intense competition, the winners are as follows, the champion goes to representative from 1E, the 1st runner up goes to team from 2A and the 2nd runner up goes to representative from 2E. Certificates will be awarded to them as an approval of their intelligence as well as a motivation for them to work harder in mathematics in the future.

Joint School Mathematics Hunt

The Joint School Mathematics Hunt was jointly organized by St. Joseph's College, Belilios Public School, La Salle College, Maryknoll Convent School, Queen's College and True Light Girl's School, and was successfully held in Queen's College and Belilios Public School on April 28, 2012. The overall reputation of the activities was great from the feedback obtained in the end of the activities. Most of them said the activity is innovative and fun.

On the other hand, participants reflected that the checkpoint tasks are well designed, and they felt challenging yet not too difficult in the task-solving. Also, the clues were also nicely thought, which successfully aroused their interest. The activity is generally successful. We hope to organize similar functions in the coming years.



Mathematics Mystery 2013

The Mathematics Mystery 2012 is a newly organized event for Forms 1 to 3, and was held on 10th May, 2012. The objective of the competition was that students in a team of 4 were introduced to a murder case, and the teams must discover checkpoints spread out across the school and use their mathematical abilities to solve mysteries and uncover clues, to solve the mystery of the murder in the end. The competition was a great success, and participants all enjoyed the event very much.

Conclusion

The school year of 2011-2012 has certainly been a fruitful and successful year for the Mathematics Society, where new, innovative and successful events were organized, and members were thoroughly satisfied.

In retrospect, I believe that the Mathematics Society has certainly achieved the objectives that we set out for ourselves at the beginning of the school year, and even more. We have certainly surpassed our expectations through both internal and external activities, and at the same time have imparted the joy and fun in learning Mathematics to the school campus.