

**Winners List for
Essay Writing Competition 2009
Singapore Mathematical Society**



Category A

Express Stream (local): Secondary 1 and 2 students; Normal Stream (local): Secondary 1, 2 and 3 students;
International schools: Grade 6-8 (or equivalence)

- First Prize:** *Aristarchus*
Benjamin Cheong Chee Hou
Hwa Chong Institution (High School)
- Second Prize:** *How Greek Astronomers calculated celestial distances*
Amy Kuan Ling Hui
CHIJ St. Nicholas Girls' School
- Third Prize:** *What is the speed that Earth moves around the Sun?*
Seet Seow Hwee, Tan Yingxin Casmine, Tang Shu Yi Sarah
Paya Lebar Methodist Girls' School (Secondary)

Category B

Express Stream (local): Secondary 3 and 4 students; Normal Stream (local): Secondary 4 and 5 students;
International schools: Grade 9-10 (or equivalence)

- First Prize:** *The Chinese Calendar In Play*
Lam Hong Phuc, Ve Lu Anh Phuong
Victoria Junior College
- Second Prize:** *The Ellipse and the Kelper's 3 Laws of Planetary Motion*
Cheok Wei Wen Evan
Victoria Junior College
- Third Prize:** *Intergalactic Gravity*
Ng Ying Qi, Tan Li Hong, Yap Nian Fang Melody
Paya Lebar Methodist Girls' School (Secondary)

Category C

Junior college (local): JC 1 and 2 students; IP schools (local): Year 5 and 6 students;
International schools: Grade 11-12 (or equivalence)

- First Prize:** *Hunting for the proof from THE BOOK – two millennia before Erdős*
Loh Lay Kuan, Lee Eun Kyung
NUS High School of Mathematics and Science
- Second Prize:** *Astronomy - a mathematical journey*
Shubhendra Agrawal, Ankush Aggarwal
Saint Andrew Junior College
- Third Prize:** *Prediction of Solar Flare*
Chiang Yuan Bo, Dai Fei
Victoria Junior College