Finalists of the 2012 Hang Lung Mathematics Awards

(Arranged by school name in alphabetical order)

	Research Topics	Teams	Schools
1.	*Trajectories in Regular Pentagon*	Ho Wai Chan; Tsz Hei Lam; Chun Shing Wong; Yuk Kei Leung; Hiu Ying Man	Baptist Lui Ming Choi Secondary School
2.	*Continued Fraction and Related Topics from a Geometric Perspective*	Sze Nok Cheng; Chun Hong Wong; Terence Ting Fung Wong	Buddhist Sin Tak College
3.	*A Study on Polyhedron with All Triangular Faces: Nine-point Circle Co-sphere*	Yat Long Lee; Kwok Chung Tam	Carmel Holy Word Secondary School
4.	*Predictions on Usain Bolt in London Olympics 2012*	Eric Chun Kwan Ching; Felix Yau Lun Chong; Jacky Wing Hong Lee; Justin Ji Tin Li; Jason Kwok Cheong Tsang	G.T. (Ellen Yeung) College
5.	*Application of Generalized Fibonacci Sequence - The Probabilistic Behaviors of Propagation of SARS*	Henry Wing Kin Chan; Jason Long Him Cheung; Michael Ka Wing Leung; Wales Chi Him Siu	G.T. (Ellen Yeung) College
6.	*Construction of Uni-transversal Path*	Helsa Heishun Chan; Kar Fu Kong; Amanda Tsz Yan So	Maryknoll Convent School (Secondary Section)
7.	*Manipulating the Fermat's Equation*	Wing Man Chik; Ka Kit Ku; Ming Hong Lui; Long Hin Sin	Po Leung Kuk Centenary Li Shiu Chung Memorial College

Finalists of the 2012 Hang Lung Mathematics Awards (cont'd)

	Research Topics	Teams	Schools
8.	*An Approach to Non-numerical Method of Finding the Non-diagonalizable Solution of Quadratic Matrix Equation*	Ka Wai Chan; Yiu Man Wong	Queen Elizabeth School
9.	*Cutting Twisted Solid Tori (TSTs)*	Kai Lai Chan; Tsz Nam Chan; Ho Yin Lau; Kai Shing Mok; Yiu Shing Wong	Sha Tin Government Secondary School
10.	*From 'Chopsticks' to Periodicity of Generalized Fibonacci Sequence*	Hon Ka Hui; Kwun Hang Lai; Tin Chuen Tsang; Kin Lam Tsoi; Cheong Tai Yeung	Shatin Pui Ying College
11.	*Towards Catalan's Conjecture*	Chung Hang Kwan	Sir Ellis Kadoorie Secondary School (West Kowloon)
12.	*An Investigation into Gamma Function*	Alice Wai Kiu Yuen	St. Francis' Canossian College
13.	*Complexity Reduction of Graph*	Tsam Kiu Pun	St. Mary's Canossian College
14.	*How to Cut a Piece of Paper - Making Paper Cones with Greatest Total Capacity*	Him Shek Kwan; Ka Chun Lo; Chin Ching Wan	Wong Shiu Chi Secondary School