



### Winners of the 2012 Hang Lung Mathematics Awards

<b>Award</b>	<b>School</b>	<b>Teacher</b>	<b>Student(s)</b>	<b>Topic</b>
<b>Gold</b>	Sir Ellis Kadoorie Secondary School (West Kowloon)	Yat Ting Tong	Chung Hang Kwan	<i>Towards Catalan's Conjecture</i>
<b>Silver</b>	Sha Tin Government Secondary School	Sai Hung Chan	Kai Lai Chan; Tsz Nam Chan; Ho Yin Lau; Kai Shing Mok; Yiu Shing Wong	<i>Cutting Twisted Solid Tori (TSTs)</i>
<b>Bronze</b>	St. Mary's Canossian College	Cyril Lee	Tsam Kiu Pun	<i>Complexity Reduction of Graph</i>
<b>Honorable Mentions</b> (in alphabetical order of school names)	Baptist Lui Ming Choi Secondary School	Kim Fung Lee	Ho Wai Chan; Tsz Hei Lam; Yuk Kei Leung; Hiu Ying Man; Chun Shing Wong	<i>Trajectories in Regular Pentagon</i>
	Carmel Holy Word Secondary School	Nelson Lai Shun Chung	Yat Long Lee; Kwok Chung Tam	<i>A Study on Polyhedron with All Triangular Faces: Nine-point Circle Co-sphere</i>
	Po Leung Kuk Centenary Li Shiu Chung Memorial College	Yan Ching Chan	Wing Man Chik; Ka Kit Ku; Ming Hong Lui; Long Hin Sin	<i>Manipulating the Fermat's Equation</i>
	Shatin Pui Ying College	Chi Keung Lai	Hon Ka Hui; Kwun Hang Lai; Tin Chuen Tsang; Kin Lam Tsoi; Cheong Tai Yeung	<i>From 'Chopsticks' to Periodicity of Generalized Fibonacci Sequence</i>
	Wong Shiu Chi Secondary School	Chun Yu Kwong	Him Shek Kwan; Ka Chun Lo; Chin Ching Wan	<i>How to Cut a Piece of Paper - Making Paper Cones with Greatest Total Capacity</i>