



創造「妳」想世界
For Her World

小想法、大改變！環球

Make an Impact! Stories of

世界女童軍協會的全新品牌「創造『妳』想世界」，提倡女性發展個人潛能，將她們從批判、成見和暴力中釋放出來，透過改變自己及所身處的社區，為未來建設更美好的世界。過去一年，世界各地的女童軍姐妹正努力朝著相同目標進發，以下的女童軍故事，又能否帶給你啟發與力量，一同「改變，由我做起」？

全美十大女童軍 獻才能推動STEM教育

2017 National Young Women of Distinction Revolutionized STEM Education

17歲美國華裔女童軍兼2017年全美十大女童軍Sharleen Loh，從小熱愛數理科技（STEM），在學期間，她意識到周遭同學對這方面興趣缺缺，遂決定發起前所未見的STEM計劃，將一己經驗，利用生動有趣的方式，向社區內缺乏資源的學童推廣STEM教育，燃起他們的求知慾。

為此，Sharleen成立了非牟利組織「STEMup4Youth」，開發過百款STEM活動，並動員超過140位來自15間不同學校的義工，每星期向學童推廣STEM。時至今日，組織已擁有40個合作伙伴，包括南加州不同的男女孩俱樂部、市政圖書館、小學、加州大學等，在當地10間學校招募了超過140名義工，服務超過5,000名學童！

Sharleen Loh is a 17-year-old Girl Scouts and award winner of "2017 National Young Women of Distinction" from GSUSA. She is also a STEM lover since she was little. During her studies, she noticed that a lot of her peers didn't really enjoy STEM, therefore she initiated the first-ever STEM program for underserved children. Her goal is to ignite the kids' natural desires to learn and discover, by designing STEM curricula including fun, hands-on activities.

To do this, Sharleen has set up an organization, "STEMup4Youth", and developed over 100 hands-on STEM activities and mobilized over 140 volunteers from 15 different schools to bring weekly STEM programs to underserved children. Nowadays, STEMup4Youth has more than 40 partners around Southern California, including Boys and Girls Clubs, city libraries, elementary schools, California State University etc., reaching out to over 5,000 children and engaging more than 140 volunteers from 10 local schools. Extraordinary!



Sharleen設計的STEM活動包括：用Lego積木及編寫程式製作機械人；製作汽水噴泉認識化學反應等，包羅萬有且趣味滿分！
The hands-on and exciting STEM activities designed by Sharleen, include creating LEGO robots that can be controlled by own coding; learning about chemical reaction by soda geyser experiments etc. These inspire young kids to fall in love with science!

STEM教育是什麼？What is STEM?

「STEM」代表科學 (Science)、科技 (Technology)、工程 (Engineering) 及數學 (Mathematics)，是近年備受關注的教育新趨勢，透過增強學生數理科技的訓練，旨在培養他們的創造力、協作和解難能力，以及促進多角度思考、啟發創新思維與領導才能，以應對廿一世紀的挑戰。

STEM (Science, Technology, Engineering and Mathematics) is the latest education trend, by strengthening students' abilities to integrate and apply knowledge and skills across different STEM disciplines, and to nurture their creativity, collaboration and problem solving skills, as well as to foster their critical thinking, innovation and entrepreneurial spirits as required in the 21st century.



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