

東華三院姚達之紀念小學(元朗) 勇奪 第二十屆「常識百搭」小學STEM探究展覽「評判大獎」及「傑出獎」



▲ 東華三院姚達之紀念小學(元朗)學生向評判們詳細展示「吸濕『保』寶」的測試及探究成果。

Students of TWGHs Yiu Dak Chi Memorial Primary School (Yuen Long) demonstrated the performance of "Eco-dehumidifier" and explained the theory behind it to the adjudicators.



東華三院姚達之紀念小學(元朗)積極發展校本STEM(科學、科技、工程、數學)課程及培養學生的科學探究精神，以提升他們的科學創新、應用實踐及解難能力。該校6位高年級學生參加了第二十屆「常識百搭」小學STEM探究展覽，並於2016年10月起草擬計劃書及進行相關探究活動。在過程中，他們善用日常生活中的簡單物料，如檸檬皮、柚子皮等，設計既有吸濕效能，又符合低碳與環保原則的「吸濕『保』寶」，以切合是次比賽「都市簡約生活」的主題。通過是次探究的經驗，大大促進了學生對科學探究的學習興趣。

該校學生的實驗成果及作品於評審甄選及網上投票中獲得不少讚賞，最終勇奪「評判大獎」及「傑出獎」兩項殊榮，並分別獲邀參加於香港中央圖書館舉辦的「常識百搭」展覽及於香港教育大學舉行的「常識百搭」二十周年慶典活動，展示他們的探究成果。

Students of TWGHs Yiu Dak Chi Memorial Primary School (Yuen Long) won the "Adjudicator Award" and "Outstanding Award" in the 20th Primary STEM Project Exhibition

TWGHs Yiu Dak Chi Memorial Primary School (Yuen Long) has been proactively promoting a school-based STEM (Science, Technology, Engineering, Mathematics) curriculum to instill the spirit of scientific exploration and innovation among students, to promote the application of science and technology and to help students develop their problem-solving skills. Six students of the School participated in the 20th Primary STEM Project Exhibition since October 2016. They used simple materials such as lemon and pomelo peels and successfully designed an effective indoor environmental-friendly dehumidifier, namely "Eco-dehumidifier". With the experimental experience gained, these students became even more interested in scientific exploration.

Eco-dehumidifier was highly praised by professional adjudicators and online voters, as a result winning the "Adjudicator Award" and "Outstanding Award" in the 20th Primary STEM Project Exhibition. The student inventors were invited to demonstrate their invention in the Primary STEM Project Exhibition at Hong Kong Central Library and participate in the 20th Anniversary of the Primary STEM Project at The Education University of Hong Kong respectively.