

STEM x Marine Vehicle Construction Competition 2024/25

(10 May 2025)

Two teams of students from our school participated in this year's STEM x Marine Vehicles Design and Construction Competition. They designed and constructed their own marine crafts using 3D printing, conducted water tests, and carried out self-evaluations to optimize performance. Both teams achieved outstanding results, earning **one Gold Award, four Silver Awards**, and **one Bronze Award** in the competition.

In addition to deepening their understanding of teamwork, the students enhanced their writing and oral communication skills. They also acquired new technical knowledge, including industrial design tools, 3D printing, and Python coding. By observing diverse designs from other schools, they broadened their horizons and gained invaluable experience from the competition.

Team	Awardee	Award	Category
A	2D TANG Pak-fai 2D HO Ho-yin 2D YANG Zhijie 2D CHEN Xuanming	Gold Award	Design Award
		Silver Award	Production Award
		Bronze Award	Time Trial Competition
B	2D LAW Hiu-laam 2D CHEUNG Sin-hei 2D CHOY Angela 1A LO Ching-huen Hailey	Silver Award	Design Award
			Production Award
			Time Trial Competition



Principal YUEN (1st right) and Mr. LEE Ka-kei (1st left) with awardees:
2D CHEUNG Sin-hei, 2D LAW Hiu-laam, 2D CHOY Angela,
1A LO Ching-huen Hailey, 2D TANG Pak-fai, 2D HO Ho-yin, 2D YANG Zhijie, 2D CHEN Xuanming
(from left to right)



Time trial of the marine craft



Students present their work in the exhibition and they receive trophies and prizes.