

Putting the 'M' in STEAM - Applied Mathematics

Master Maths through its Application; Create Models and Products based on STEAM Principles

Course Teacher Information:

Mr Clark Zhao is a BMH Maths Teacher and holds a Master of Education from the Education University of Hong Kong. In the process of Mathematics teaching, he is passionate about integrating STEAM to stimulate students' motivation to learn through practical application of skills and knowledge.

Ms Cathy Cai is another of our BMH Maths Teachers and has many years' teaching experience. She enjoys sharing her wisdom to help students become enlightened and believes that STEAM is a great way to engage students in outcomes and to help them experience success.

Basic Information Overview	
Year Group (s)	P1&P2
Teacher Source	BMH
Number of lessons	1 per week; 14 lessons in Term 2
Language	Bilingual with Chinese focus
Venue	P1B Homeroom(Kapok 202)
Class Time	Thursday, 15:30-16:30

Course Overview

Enrollment Criteria	Students who are interested in extending their application of mathematical skills; students should be able to carry out basic calculations independently and be confident to share their thinking.
Engage and Assess	In the first weeks of the course, students will be assessed on their Maths and problem solving abilities. Various games will be played to help children get to know each other and their teacher. Students will be introduced to some simple Maths concepts and will apply these concepts in the creation of some basic products or models
Explore and Develop	In the middle weeks of the course, students will start to understand and master some more complex Maths knowledge and concepts and will start relating these to other fields such as Physics. They will work independently and in collaboration to create more developed models and products based on their learning and understandings.
Refine and Present	In the final weeks of the course, students will be taught to gather data and generate reports to reach conclusions about their learning and will use these skills to help them with their projects.
Parent Engagement Opportunity	Parents will be able to view the products and outcomes of some of the students' STEAM learnings from the course.
Others	

