



Trumpteck 尊科

# Overview

## About Trumptech

- Who we are
- Our edges
- Our Partners

## About MAD

- What is MAD
- 2 types of Training
- Enhancement of Problem Solving Skills
- Learning and Teaching Support



Trumpteck (Hong Kong) Limited is one of the leading educational technology companies in Hong Kong. We provide quality learning and teaching resources to both schools and individuals to enhance learning effectiveness.



Powering  
Education  
since 1996



Promoting  
Education in  
4+ regions



Served **half of**  
**the schools** in  
HK



Empowered  
**100K+ students**

# Our Edges

We endeavoured to the pursuit of extraordinary in education.

Developed by and with the leading educators

- Professional curriculum team
- Reliable board of advisors from across education industry



**Dr Y T Li**  
CBE JP  
Former Director of  
Education



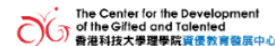
**S.W. Hsu**  
MBE  
Former Senior Ass. Director of  
Education

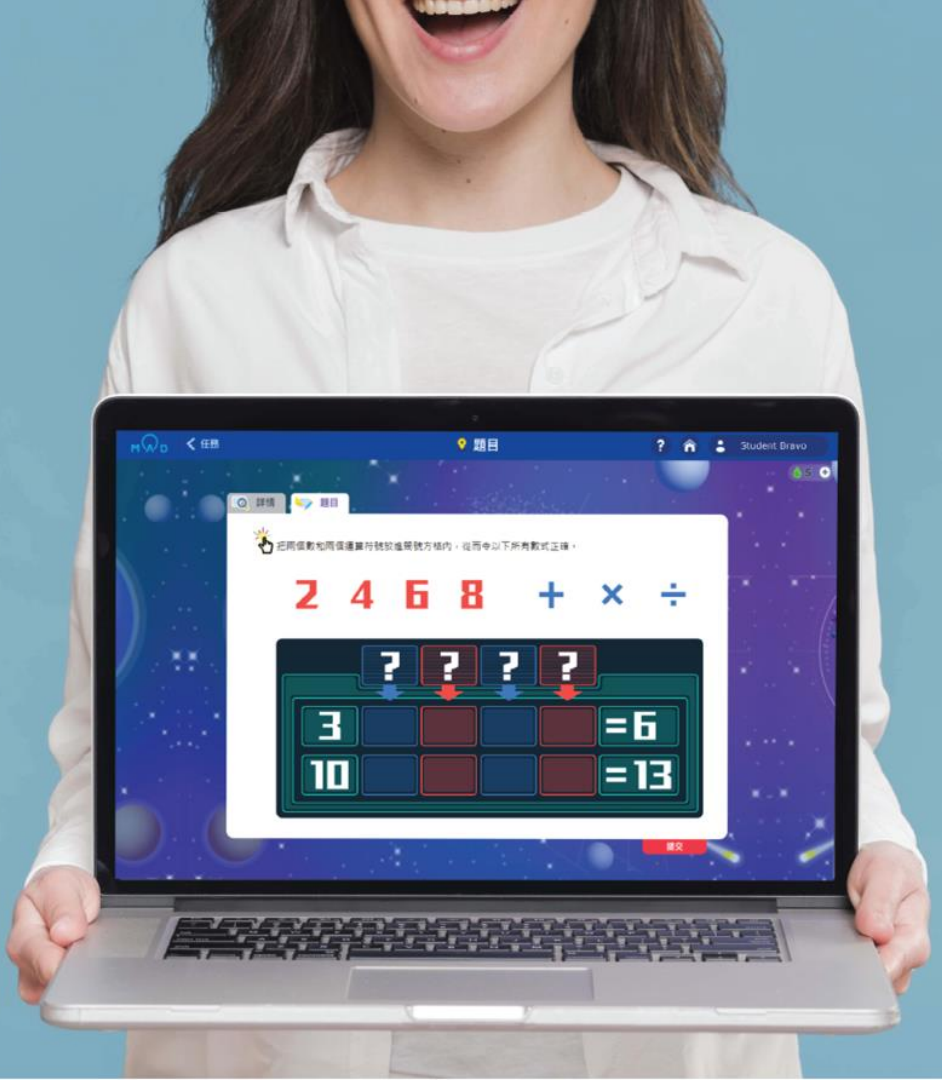


**Anthony Tong**  
BBS  
Chairman of  
Li Po Chun United World College  
Former Deputy Director of Education

# Go Global - As experienced operator of international education brands and networks

Trumptech partners with a vast number of international brands to deliver exceptional learning experience to students in Hong Kong .





# MAD

To encourage problem solving as a way of thinking



Home / 首頁



### 選擇學習範疇



數



量度



圖形與空間



代數



數據處理



選擇排列

Diverse  
Question Types



Internationally  
recognised Standard

Adapted to HK  
Maths Curriculum



Performance  
Report

Multiple  
Languages



Web & Ipad  
Friendly



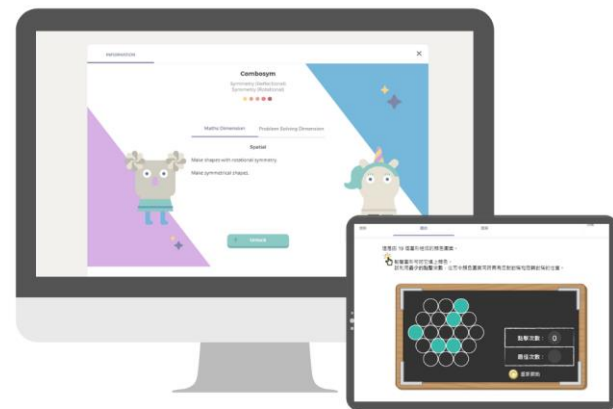
# Democratizing learning with technologies



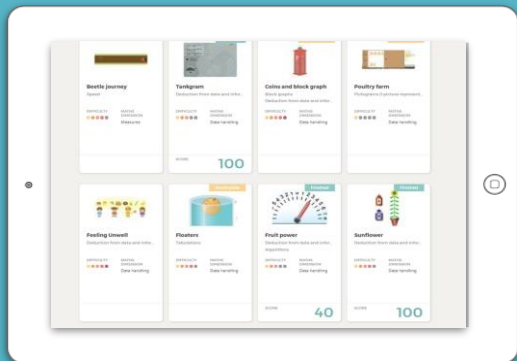
For P3 - F2 students

An Integrated e-Learning Platform designed for Maths & Problem-solving skills training

- Content development initiated under the British Government Department for Education
- Adherence to the Hong Kong Maths curriculum
- Multi-format, fun & interactive questions, make learning a pleasure
- Constructivist teaching approach that encourages students to use active techniques (experiments, real-world problem solving)



# 2 types of Training



## Maths

## Problem Solving

### Conceptual understanding

To comprehend mathematical concepts and move from concrete to abstract.

### Computational fluency

To perform mathematical operations and procedures accurately and efficiently.

### Strategy-planning

To formulate, break down and represent problems in relation to more extensive and interconnected prior knowledge.

### Analytical and Critical thinking

To reason logically, hypothesise, reflect, explain, justify, speculate and evaluate.

### Characteristics nurturing

Development of the spirits of inquiry, creativity and perseverance to be open to innovations and novel ideas.

# STEAM up for our future leaders

The diverse and highly exploratory question types strengths students' problem solving skills!

- Observation
- Data recording
- Data Analysis
- Evaluation skills



This is helpful for interdisciplinary learning that stimulates students mathematical and creative potential.

TWIG





# WHAT CAUSES NORTHERN LIGHTS?

**twig**  
Secondary



# EXPERIMENT: ORANGE TORNADO

**twig**  
Secondary

# WHY DO ANIMALS HAVE FUR?

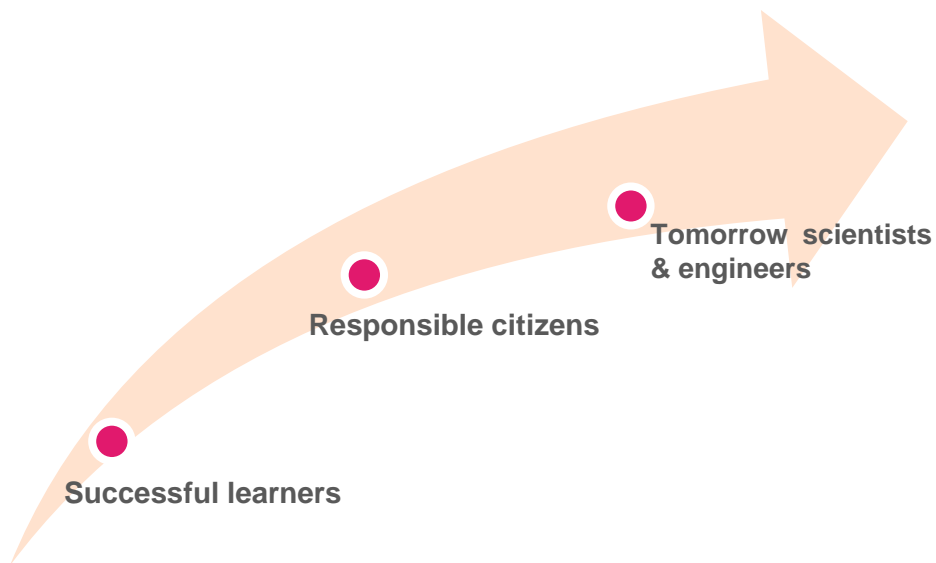


# About Twig World

- **1500+ Films** A quantity of films based online resources
- **Variety of Subjects** Chemistry, Physics, Biology, Earth Science, Human Geography, Mathematics etc.
- **Concise Content** Each film takes around 3 minutes
- **Tigtag** Primary School Students (aged 7-11)
- **Twig** Secondary School Students (aged 11-16)



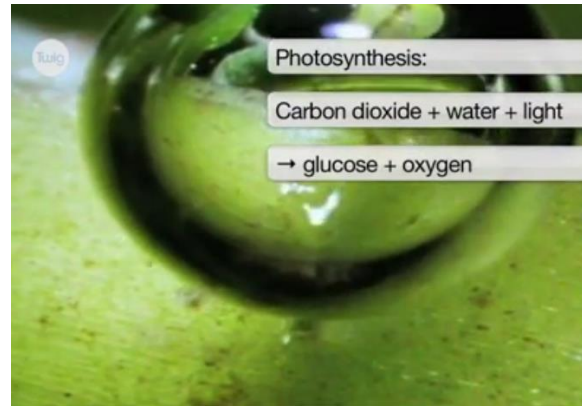
# How Twig Supports STEM Learning



# Deliver Outstanding Lessons

## Twig Films

- Twig films are about 3 minutes each
- Co-developed by education practitioners such as Eton College
- Evaluated and assessed by Oxford and Cambridge as well as leading TV producers
- Embed conceptual knowledge by relating core ideas to the real world.



## Teacher Sharing



# Used by Top Schools Worldwide

- **England**

Caldicott Prep  
Cheam School  
Cheltenham College  
Eton College  
Latymer Upper  
St Paul's Girls' School  
The Manchester Grammar School  
Westminster Under School

- **Australia**

The Scotts College  
Knox Grammar  
Hale School  
Brisbane Grammar School  
Trinity Grammar

- **Hong Kong**

Bishop Hall Jubilee School  
Buddhist Sin Tak College  
HKMA David Li Kwok Po College  
Hong Kong International School  
St Paul's Convent School -Hong Kong  
St Pauls Secondary School  
Yan Oi Tong Tin Ka Ping Secondary School

# An Award Winning Resource

Twig has won most of the top educational awards

Winner, BETT Award 2013

Digital Collections

Winner, Teachers' Choice Award 2013

Best Effective Resource

Winner, BETT Award 2012

Secondary Digital Resource

Winner, Education Resource Award 2012

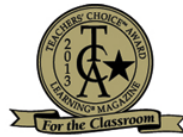
Best Secondary Resource

Winner, Learning on Screen Award 2012

Curriculum and Courseware

Winner, Interactive Media Award 2011

Best in Class, Science Website





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