

應用學習計劃 Applied Learning Programme

本英語數位教材以獨特的 K-12 教育解決方案的領先提供，Marshall Cavendish Education 將研究驅動的教育方法與創新技術相結合，以促進學生的學習。

我們的應用學習計劃讓學習者為未來做好準備。每個課程都增強了學習者的能力，並為他們為現實世界做好準備。我們的計劃迎合了從編碼、生命科學到 STEM、數字素養和藝術與美學的一系列興趣。每個項目都鼓勵創造力，促進探索和解決問題。此外，我們合格的住宿培訓師經過培訓，可以為教師和學生開發和進行定制培訓。

我們應用學習計劃的六個關鍵領域是：

The six key areas of our Applied Learning Programme are:

- **MCE 編碼實驗室** MCE Coding Lab
- **藝術與美學** Arts & Aesthetics
- **數字素養** Digital Literacy Life
- **生命科學** Science
- **STEM 項目** STEM Projects
- **專業的服務** Professional Services



MCE 編碼實驗室：ubbu 編碼

適合年齡 12 - 18

Available on 

ubbu It strives to develop **logical reasoning, troubleshooting and creativity**. This allows learners to become capable and informed citizens who can understand, navigate, and participate in the digital world.

ubbu benefits every learner with skills of tomorrow.

After attending **ubbu**, learners improved their performance in subjects such as **Math (17%)** and **Logical reasoning (5%)**.

Why **ubbu**?



易於實施

- Designed for teachers with no prior experience in coding.
- Available online or offline.
- Guided learning path for learners.

框架和標準

- Aligned to CSTA, UN Sustainable Development Goals.
- STEAM focus.
- Cultivate 21st century competencies and skills.

用戶友好的程序

- Comprehensive lesson plans for teachers.
- Interactive lesson content with videos, stories and games to engage learners.
- Recommended from K - Grade 6.

關注學習者

- Understand individual learner's learning journey with data.
- Summative assessment to check understanding.
- Certificate of achievement for each completed level.

有趣且引人入勝的多模式學習活動

使學習者能夠跟隨老師的屏幕或完成他們的任務

The screenshot shows a user interface for a coding lesson. At the top, there are navigation buttons like 'Back', 'Lesson 3', and 'Robots'. Below that, there are tabs for 'Start', 'Video', 'Quiz 1-4', 'Exercises 1-2', 'Activity', and 'End'. The main content area is split into three parts: a left sidebar with 'Validate' and 'The diving robot' buttons, a central area with a robot character and a block puzzle, and a right sidebar with instructions and a 'Print' button. The instructions list steps for using the block puzzle.

可下載的教案

指導指導，幫助教師進行教學

BENEFIT

For teachers:

- ✓ 即使沒有以前的編碼經驗，也易於教授程序。
- ✓ 詳細且隨時可用的課程計劃。
- ✓ 現成的解決方案、討論主題和學習者的表現數據。