



From USER to ENTREPRENEUR
BIG DIPPER STUDIO



BDS: your learning guiding star

Big Dipper (Seven Guiding Stars) has been used as a pointer helping people to find the North Star. Our role is just like the Seven Guiding Stars, assisting our clients to reach their final goals with the latest I.T. solutions. Our energetic and creative teams always do research on the latest technology, including mobile & web development, augmented reality, virtual reality, motion sensing, etc. Helping them to visualize the ideas into a fun and interactive user experience.

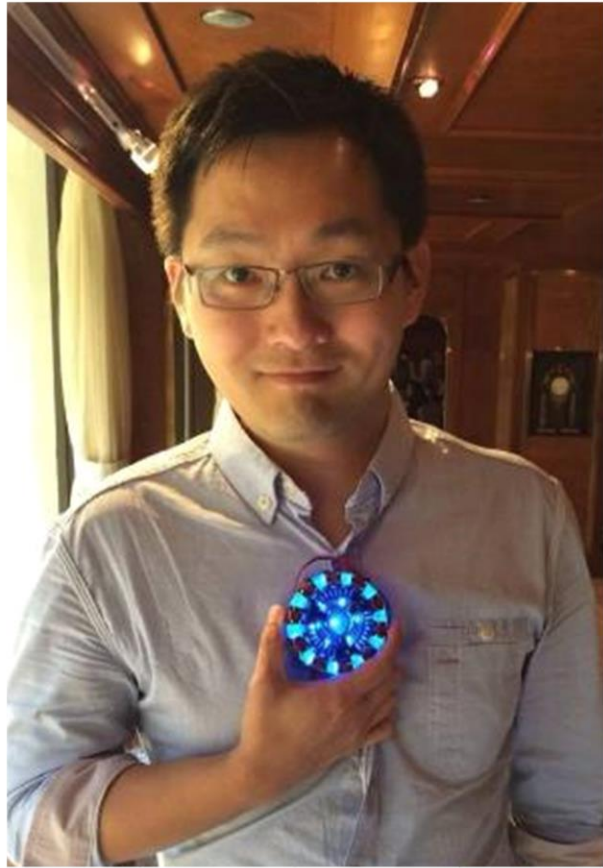


BDS Vision

We focus on the technology development, however, we are more concern on how to [use the technology to solve the real-life problems.](#)

Technology is just a tool, we use it to create things that can change the world. This is the job that we are doing everyday.





William Chan
Founder

Education:

Honors Bachelor of Mathematics, Operation Research, Co-op, Minor in Computer Science at [University of Waterloo, Canada](#)

Achievements:

Starwish Little Prince Studio



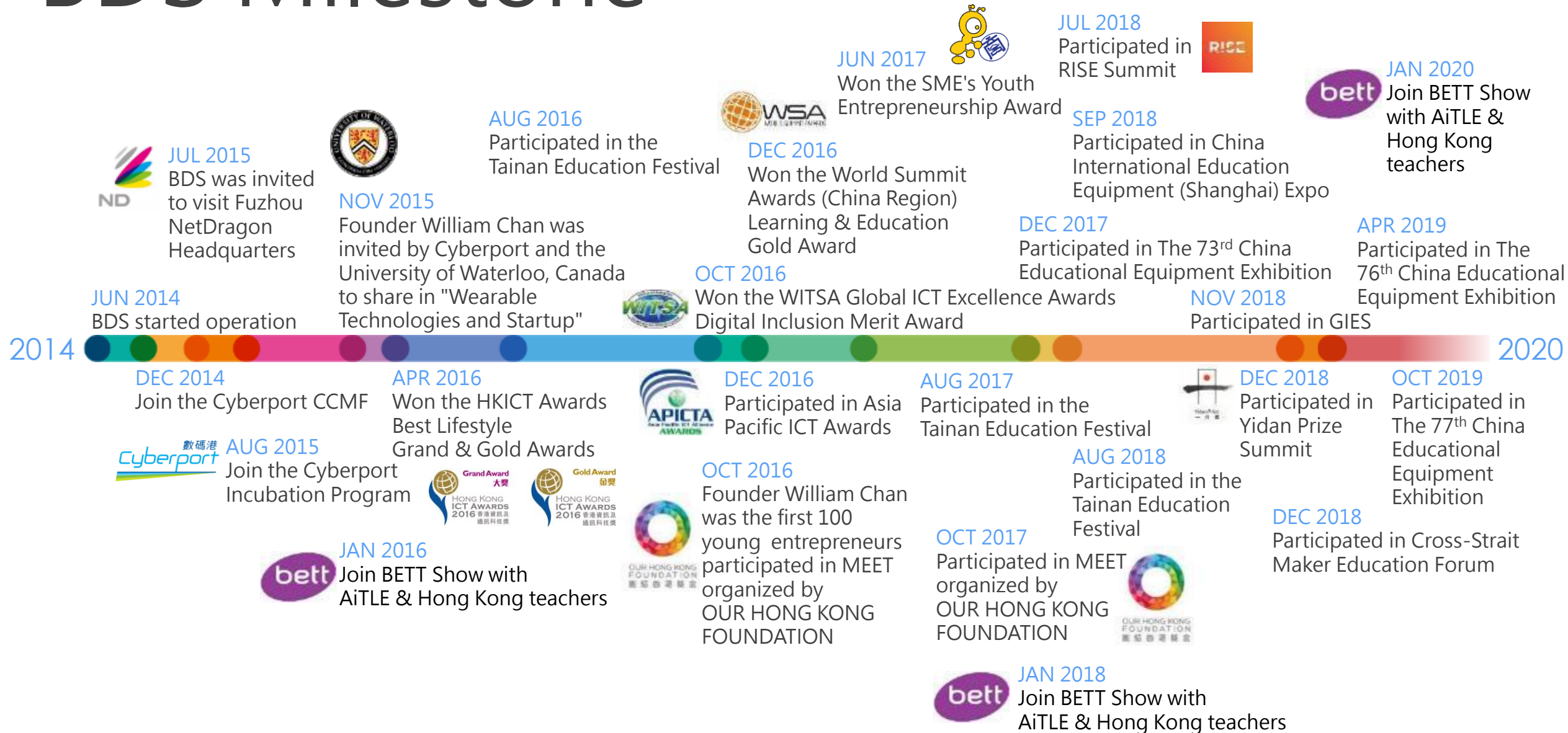
Big Dipper Studio



Other Activities:

- 6 times School-Company-Parent Program Instructor
- e-Learning Consortium Executive Committee member
- Hong Kong ICT Award Best Student Invention Award Judge
- Asia Pacific Robot Competition 2015 (Hong Kong Region) Judge

BDS Milestone





Event Review

ADH201
CC Creative Learning

電子世代 學習3趨勢

● 隨著資訊科技的急速發展，電子學習運用電子學習實成效。在電子學習的新電子媒介和工具的發



ESCHOOL
校園資訊科技
通識雜誌
實踐STEAM
沙田崇

東網
eKids
網校園：天虹小學推App 有機打又助學業

eKids 不靠嚇!

鼓勵細路行 正路有妙法

資訊科技獎八贏家揭出

財爺冀港成創企發展地區

Technology

ation

開心校園

這孩子

學習模式再革新

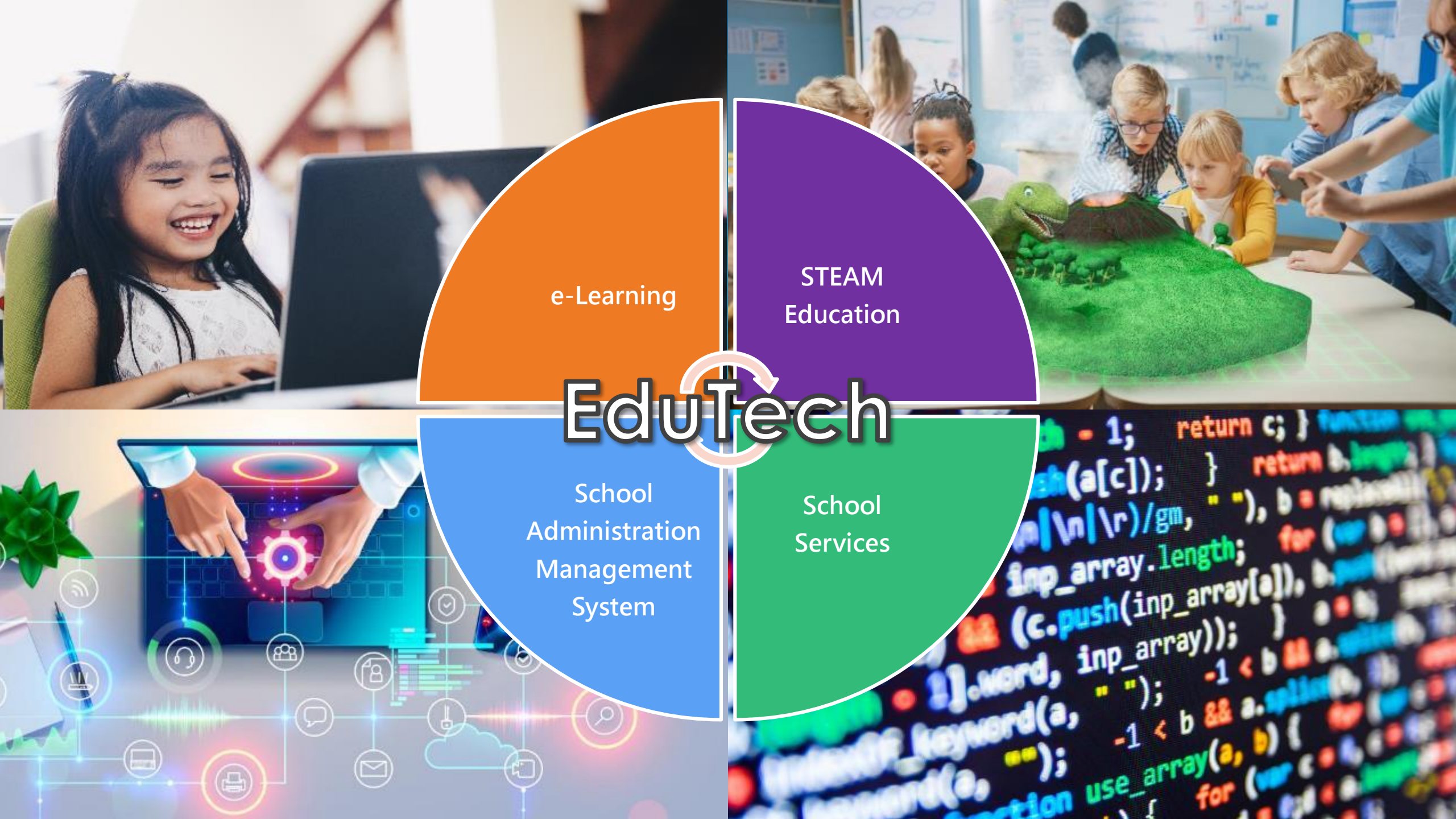
以 Coding 改變世界!

Over 80 media coverage

Music in Education

陳諾琳 Big Dipper 董事總經理 變相他們會覺得很好玩

● 本校正積極推行電子學習，讓學生了解科技如何協助學習...



e-Learning

STEAM Education

Edutech

School Administration Management System

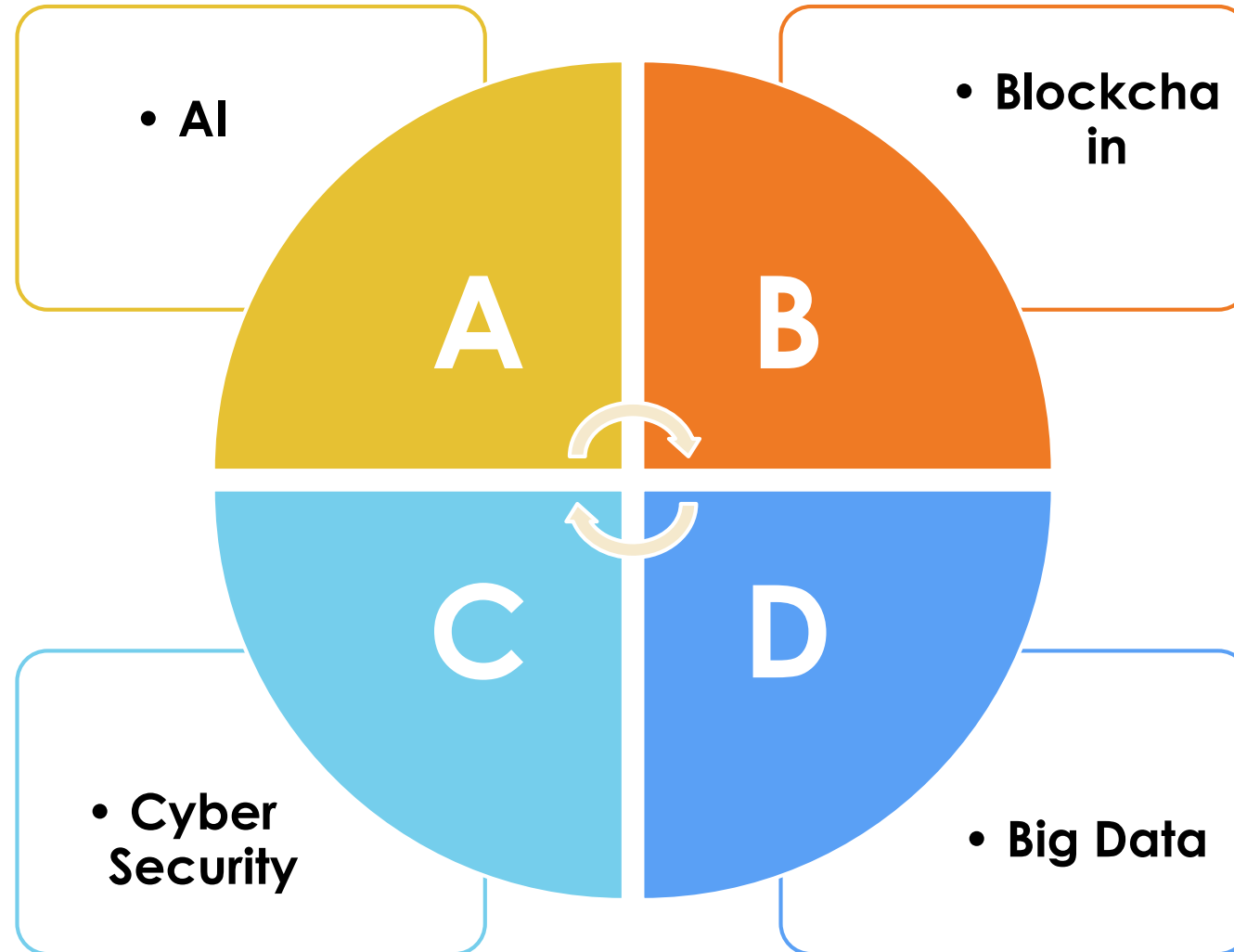
School Services

Traditional

IT in Ed



Technology ABCD



**It works for secondary schools,
does it work for primary schools?**

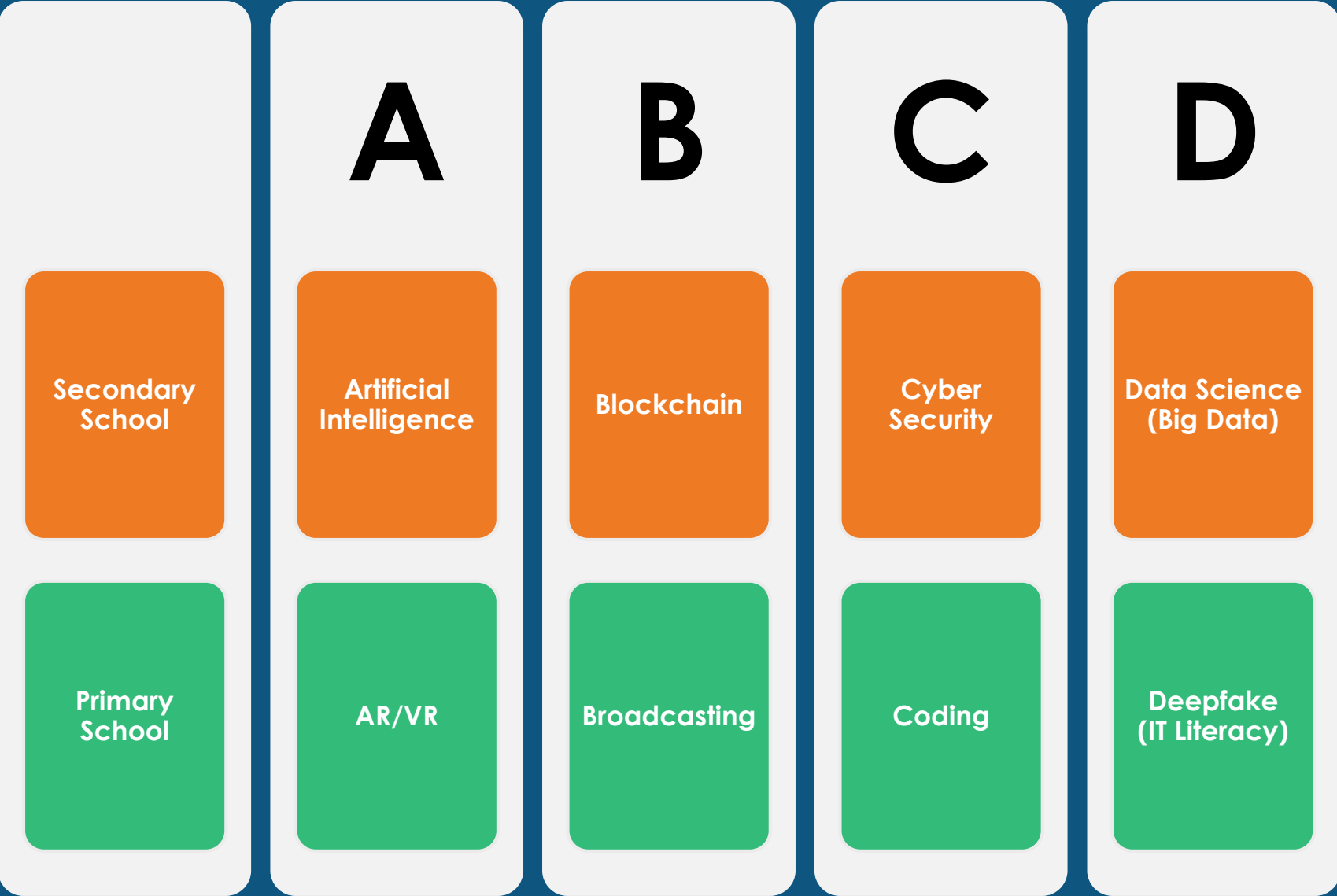


Primary
School



Secondary
School

IT in Ed



A

B

C

D

Secondary School

Artificial Intelligence

Blockchain

Cyber Security

Data Science (Big Data)

Primary School

AR/VR

Broadcasting

Coding

Deepfake (IT Literacy)

Coding

Software

Hardware

Machine Learning

(AI) Cloud Computer

VR/AR

Game Development

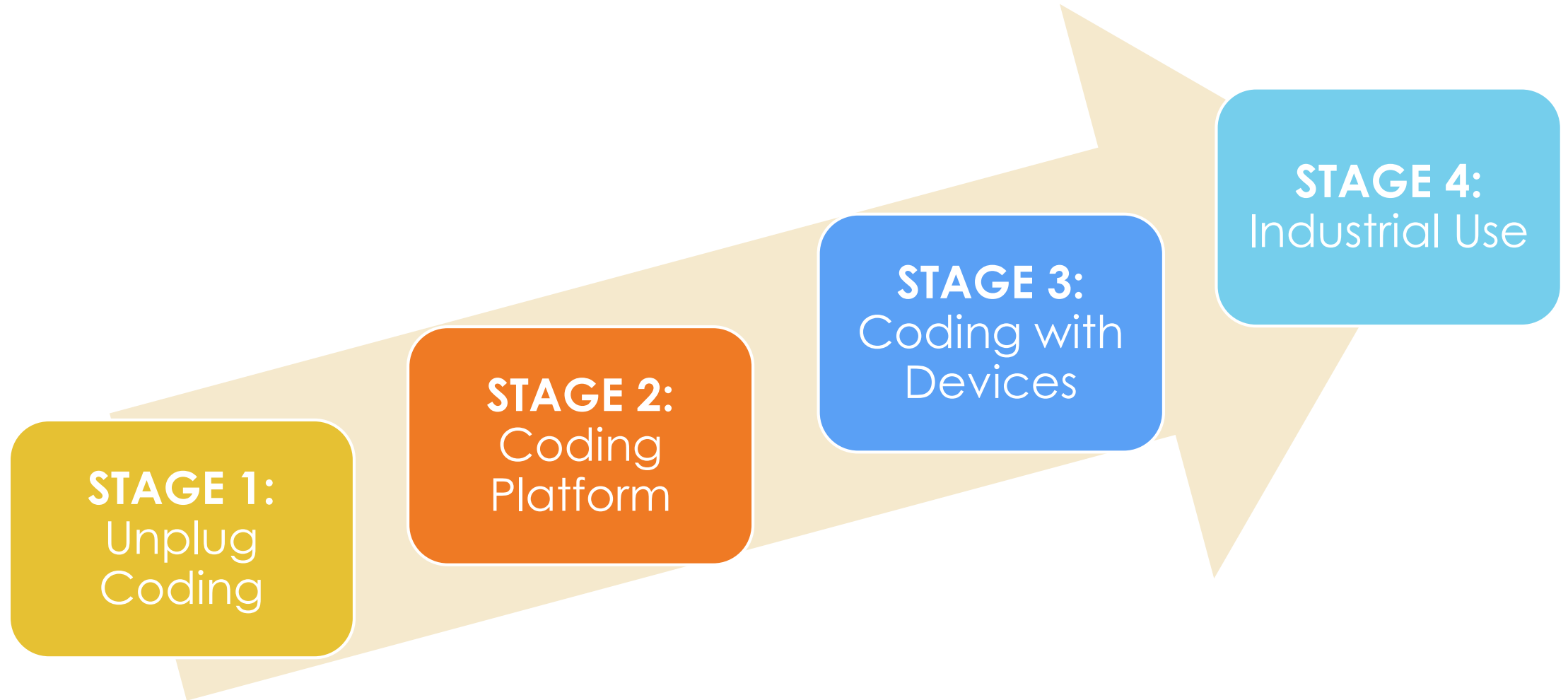
more ...

AI Robot

iOT

more ...

All about Coding





iFloor Learning Platform



iWall Learning Platform

e-Learning



Augmented Reality



Virtual Reality





iFloor: Interactive Floor Learning Platform to engage students in classroom learning



將軍澳天主教小學
TSEUNG KWAN O CATHOLIC PRIMARY SCHOOL

AR 趣味走廊

中國歷史



將軍澳天主教小學
TSEUNG KWAN O CATHOLIC PRIMARY SCHOOL

AR 趣味走廊

中國歷史

德育及公民教育組製作

帳號名稱

密碼

保持登入

登入

訪客登入



四大發明

知識問答

由隋唐時代發明，經過數個朝代技術上的改進，而後發展至宋代，雕版印刷技術上已經相當成熟。雕版印刷在印刷技術、印刷品質、印刷數量各方面都達到了輝煌成就，加上精良的造紙和墨色技術，使本時期的印刷品趨於完美足以成為後世典範，兩宋時期也為我國雕版印刷的黃金時期，因此宋本書也成為一種珍貴的版本。但是雕版印刷卻有一個缺點，就是需要花費相當長的時間，才可以將一本書籍雕刻完畢。對於生產速度、出版書籍及知識流通上，對其發展是一個重大障礙。在此一環境下，中國古人希望能有改進所擁有的印刷術以取得更便捷的方法，活字版的發明就在此一歷史環境中被發明了。

Chinese History AR App: Using AR to let the students to explore our history in a fun way



Chinese Culture VR App: Using VR to provide an immersive environment to understand the beauty of the Chinese culture.



AR & VR



AI Robot

STEAM Education



Coding Kit



Digital Art

Scottie Go!

DISCOVER
THE WORLD OF CODING





Select different levels and learn the coding concept step by step.

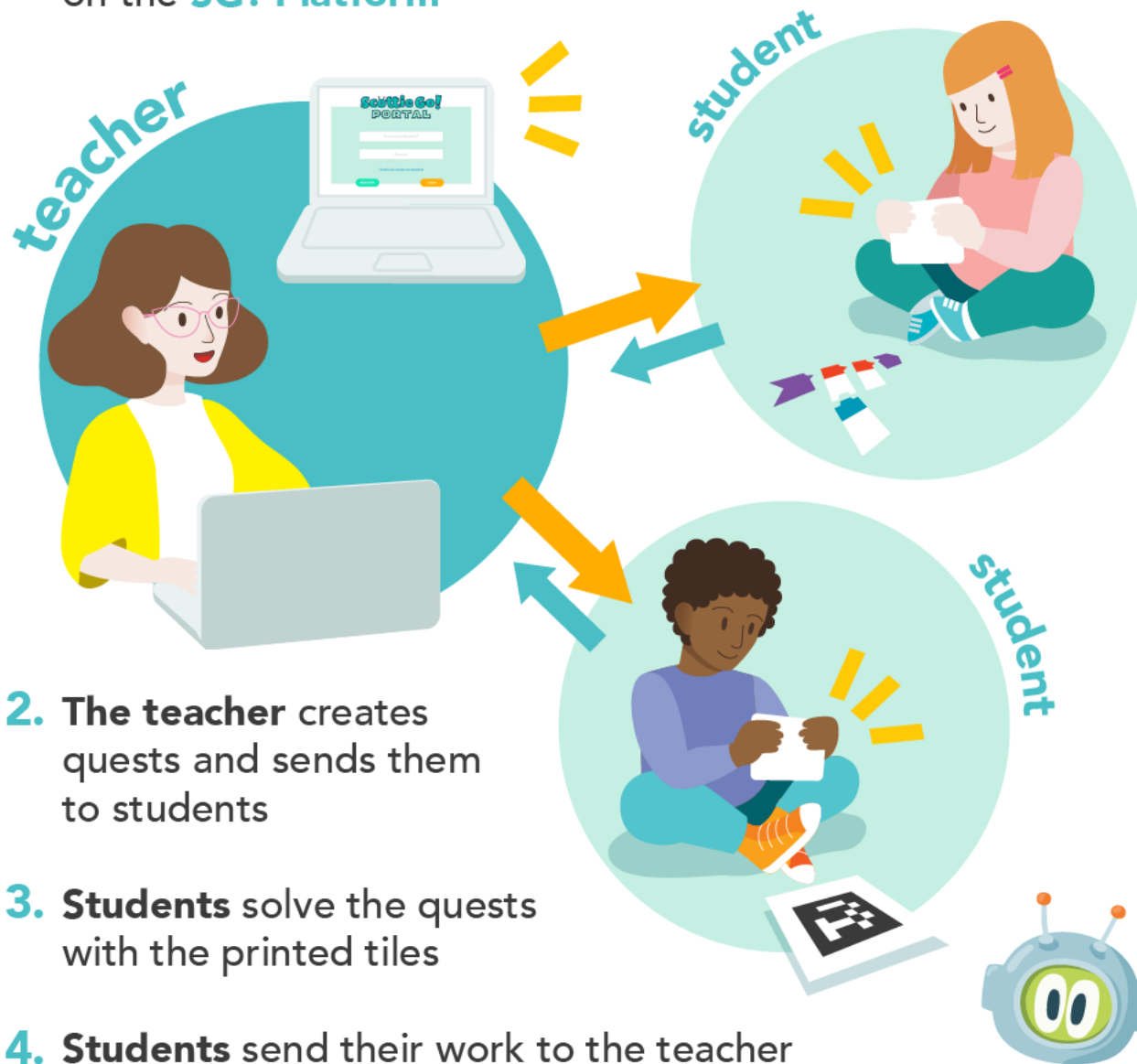
Scottie Go! Dojo

QUEST CREATOR

AR
AUGMENTED
REALITY

6-15

1. A **teacher** manages access to the application on the **SG! Platform**



2. The **teacher** creates quests and sends them to students
3. **Students** solve the quests with the printed tiles
4. **Students** send their work to the teacher



Scottie Go! Dojo

QUEST WIZARD

SCAN QR

QUESTS

CREDITS





Students can create their own coding quest and challenge others.

keb_bi AIR





Heads Up



Start

Move

Body

Light

Sound

Animation



Start

Say **Guess what I am performing!**

Repeat **2** time

Call **Function 1**

Call **Function 2**

If **Kebbi** Listen **Bird**

Function

draft
Function 1

Run simultaneously

Left Arm Lateral Raise 80 d

Right Arm Lateral Rais 80

Func

Run

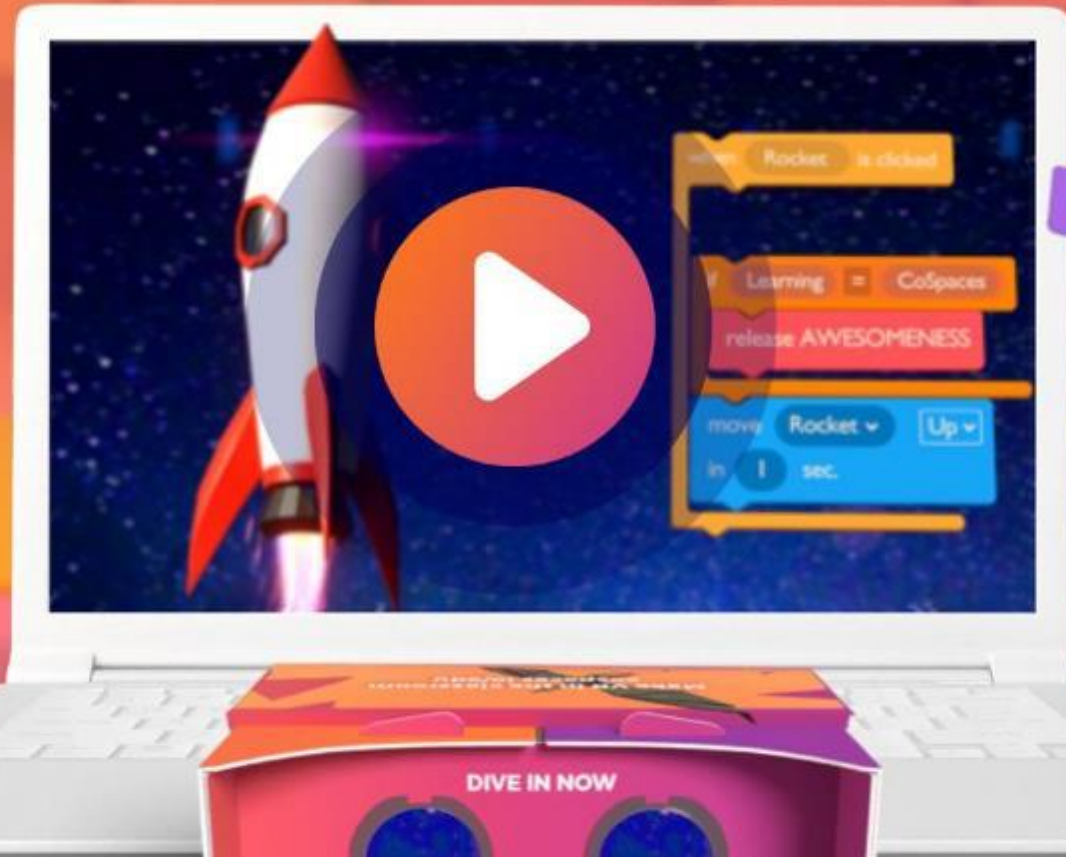
Rig

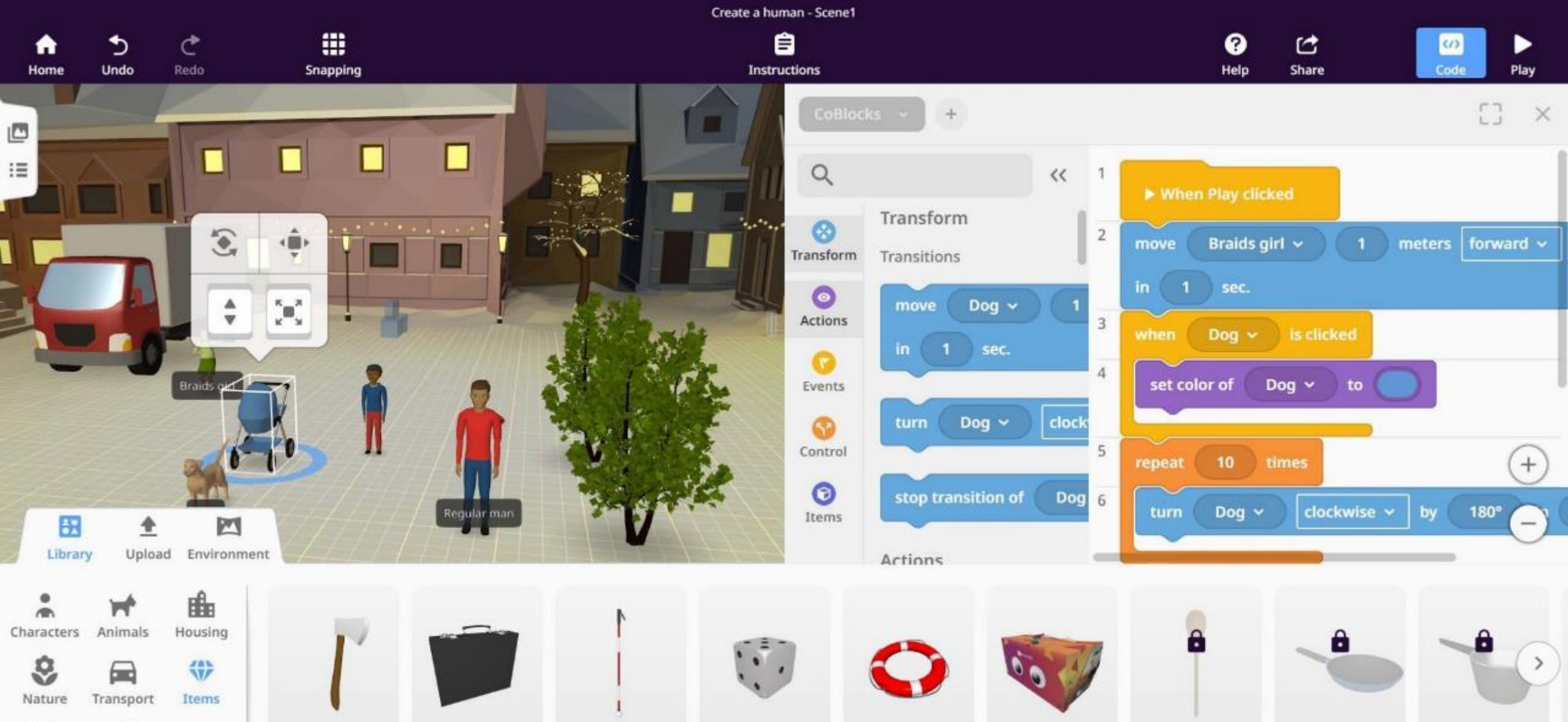
Left





Make AR & VR in the classroom





CoSpaces VR & AR

WEARABLES GADGET FUTURE SMART VIRTUAL INTERACTION MOBILE CONCEPT GLOBAL VIRTUAL SMART GADGET

AUGMENTED REALITY

VIRTUAL INTERACTION TECHNOLOGY MULTIMEDIA





VIRTUAL REALITY



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WETOUR



足不出戶

Travel the world inside the classroom

用眼睛遊歷世界



全球眾多歷史名城、遺跡景點，大家到訪過多少個？

大家是如何記錄並與朋友分享所見所聞？很多時候，



Entrepreneur





STEM Room
Renovation



Immersive
Experience

School Learning Space



Virtual Tour
Campus



AR Campus

STEM Room Renovation



STEM Room Renovation



VR Room





Smart touching projection with a new type education interactive device of science and technology

Smart learning by playing games

By using a large screen to learn naturally in the games
Interactive learning to naturally absorb it in a happy atmosphere





Product Applications



Movable Meeting



Edutainment



Theater Balcony



Virtual Tour



AR Campus

恒生一直致力栽培年輕一代。今次與創新教育共享聯盟合作，為中小學生帶來一個互動藝術創作計劃，推廣STEM教育，讓學生們學習開發和設計AR網站平台，以掌握數碼技術和應用，並可曠闊視野，迎接未來的挑戰。

開始



選擇圖案

灣仔



油麻地



馬鞍山



以手機鏡頭對準圖案

選擇圖案

灣仔



Colorful Journeys

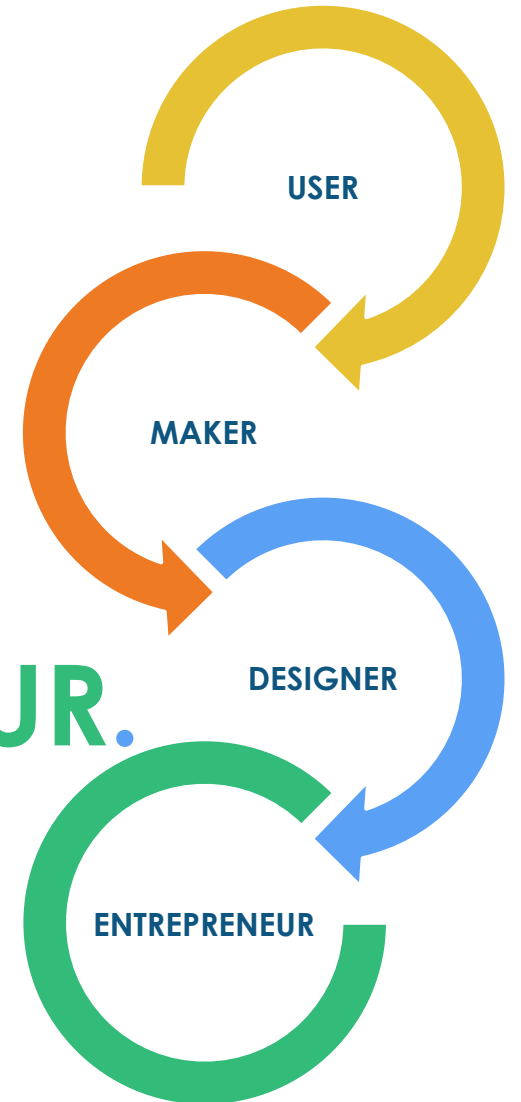
Augmented Reality | Client: IESA, Hang Seng Bank

Incubate students to transform from

1. a **USER** to a **MAKER**,

2. a **MAKER** to a **DESIGNER**,

3. a **DESIGNER** to an **ENTREPRENEUR**.



we visualize ideas into reality



Mobile Apps



Virtual Tour Production



Interactive Apps



VR & AR Apps



Robotics



Web Development



System Development



Design & Illustration



Big Dipper
your learning guiding star



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