![香港教育城 HKedCity]

【英文科及人文學科】
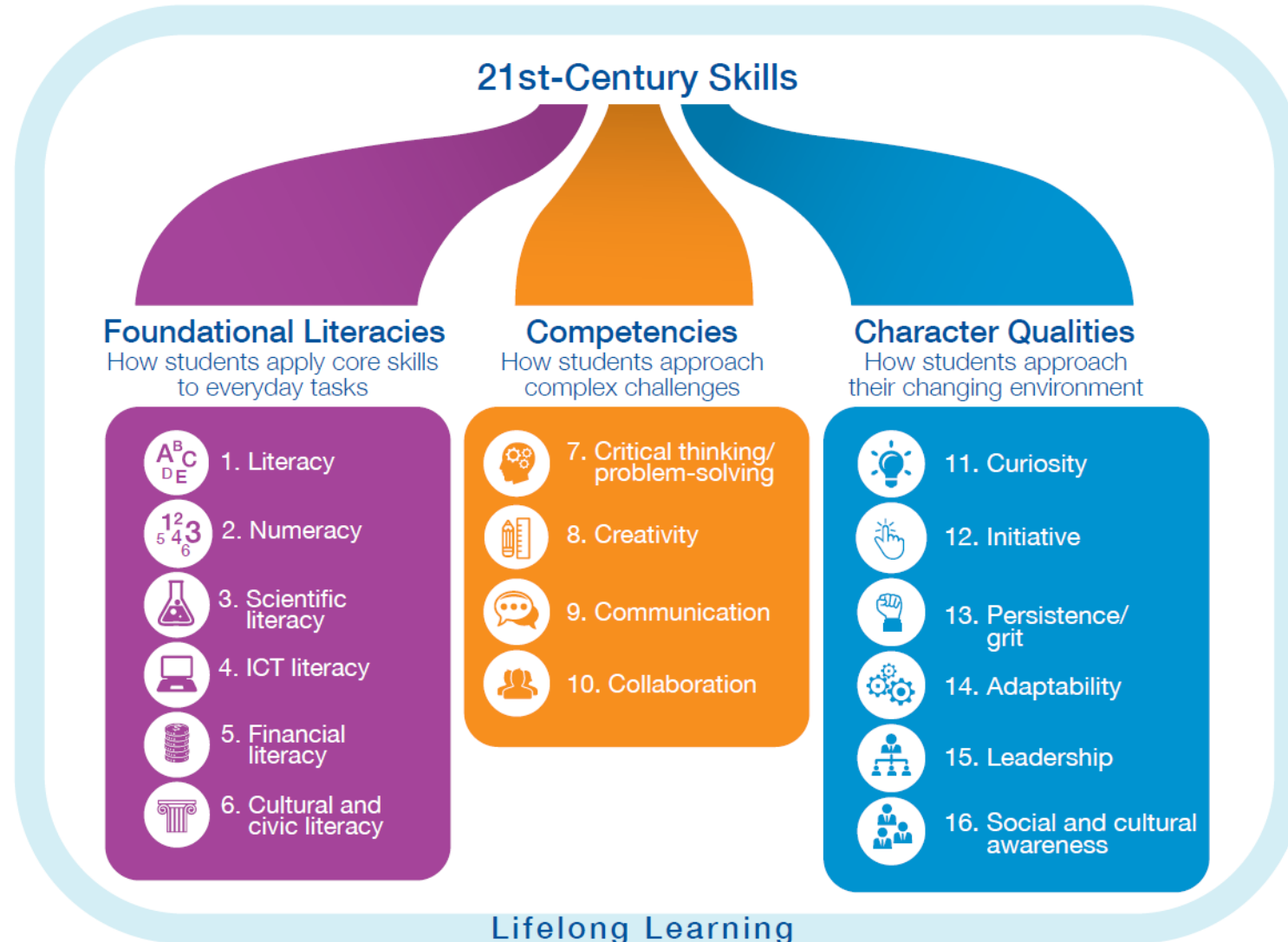# 「善用多元網上資源　豐富學習體驗」網上簡介會

eResources Adoption Programme (eREAP)

21st Century Learning

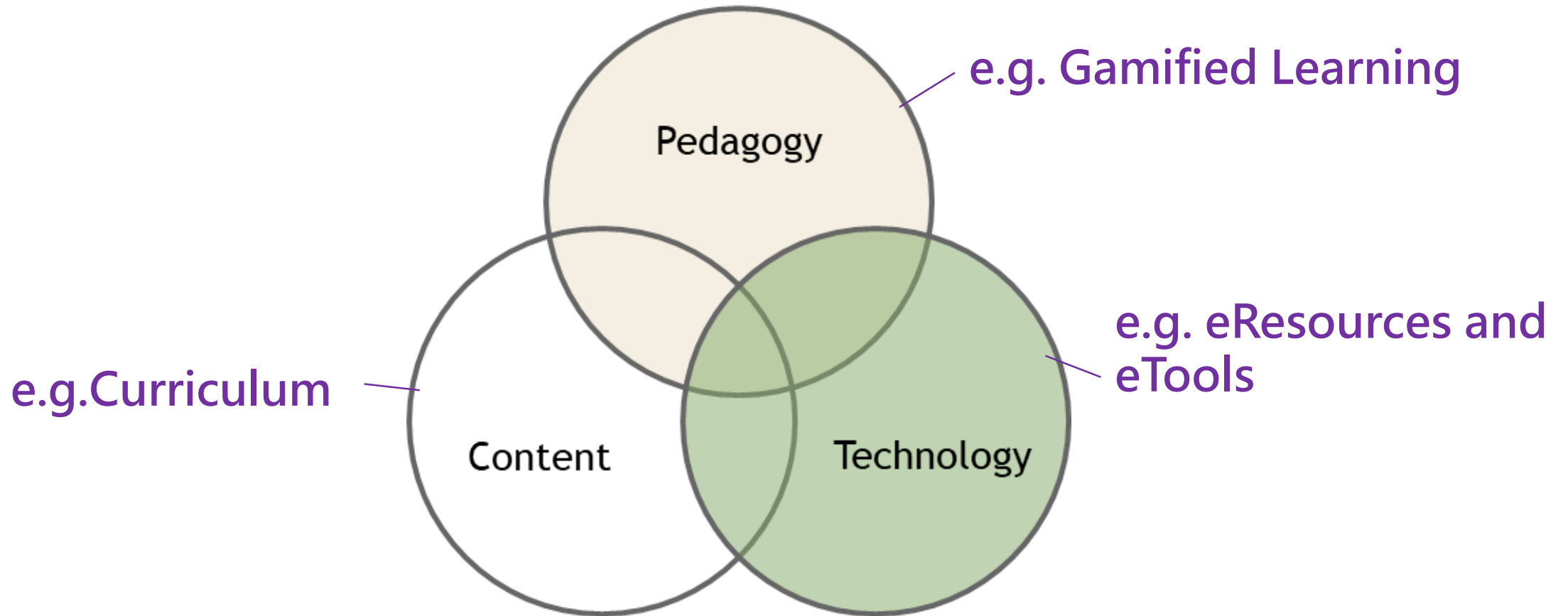**Exhibit 2:** Students require 16 skills for the 21st century

21st-Century Skills

Foundational Literacies
How students apply core skills to everyday tasks

1. Literacy
2. Numeracy
3. Scientific literacy
4. ICT literacy
5. Financial literacy
6. Cultural and civic literacy

Competencies
How students approach complex challenges

7. Critical thinking/problem-solving
8. Creativity
9. Communication
10. Collaboration

Character Qualities
How students approach their changing environment

11. Curiosity
12. Initiative
13. Persistence/grit
14. Adaptability
15. Leadership
16. Social and cultural awareness

Lifelong Learning

How eResources can help in 21st Century Learning and Teaching?

TPACK

e.g. Gamified Learning

e.g. eResources and eTools

e.g.Curriculum

Pedagogy

Content

Technology

"Technological Pedagogical Content Knowledge: A Framework for Teacher Knowledge." Punya Mishra and Matthew J. Koehler 2006.

eResources Adoption Programme (eREAP)

- Sourcing **quality eResources** from education solutions providers locally and around the world
- eLearning resources and tools covering **major subjects**, **cross-KLAs** and **non-academic areas**
- **Free trial period** for schools
- **HKEdCity supports** throughout the trial
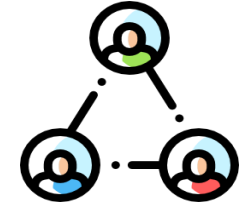- **Bulk purchase model** is offered after trial period

eREAP Features

Application → Free trial → Bulk Purchase

EdCity Support

Support from HKEdCity

Website

Account provision

Training workshops

Community building

School cases

Newsletters

Student schemes

Long-term adoption support

Features of eResources

Adaptive Learning

Gamified / Experiential Learning

A.I. voice recognition

Social & emotional Learning

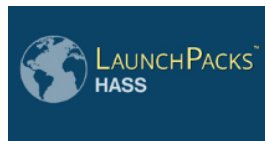**Problem-solving**

Reading cross-over Coding

STEM / Coding

Multimodal learning

eREAP resources

– Covers different subjects in primary and secondary schools

English Language

Maths & Science

STEM

Cross KLAs

Learning Tools

seppo

- Gamified Learning
- Create educational orientation games for learning outdoors or indoors
- Diverse question types with instant feedbacks
- Collaborate with teams
- Immersive Learning
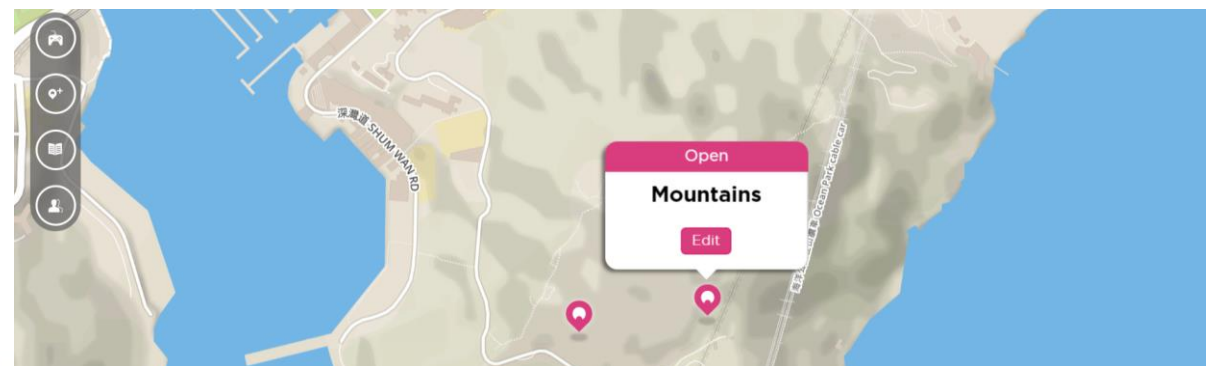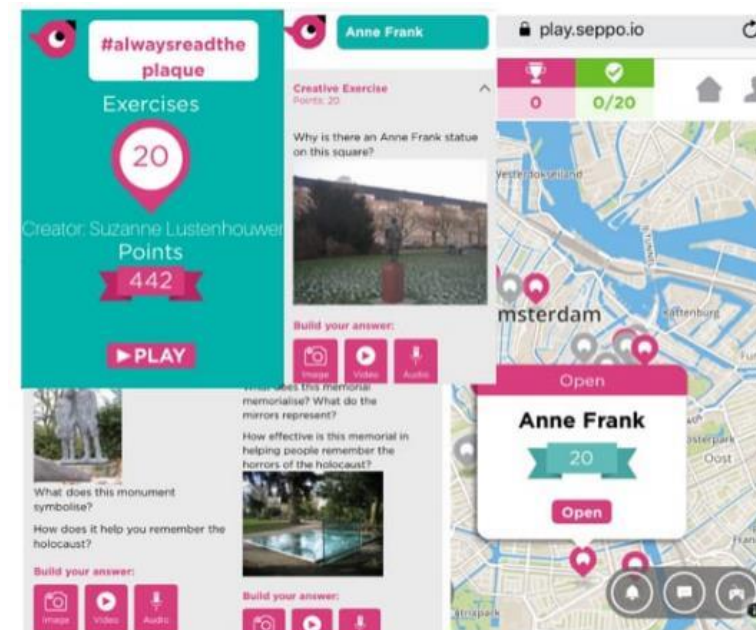- Use mobile devices online and offline
- Real-time monitoring and feedback

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▶ Tool for social and emotional education

▶ Activities to build 27 Character Strength

▶ A Measure to classroom's social well-being
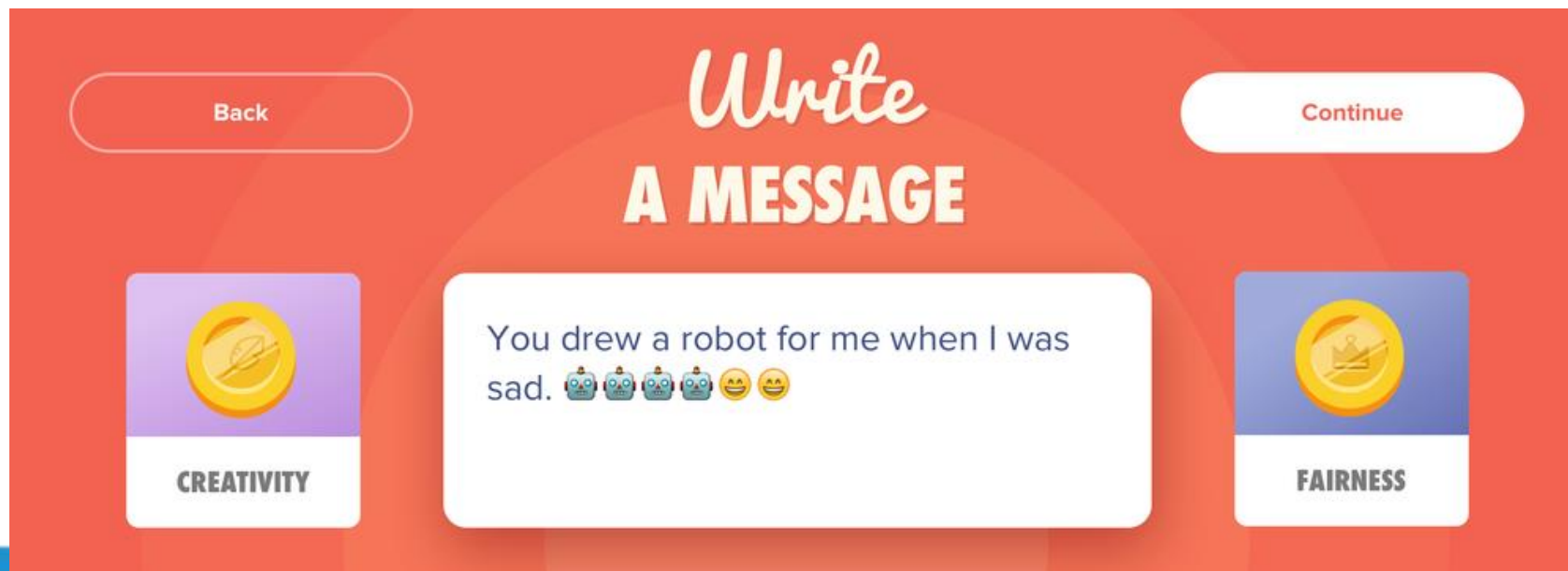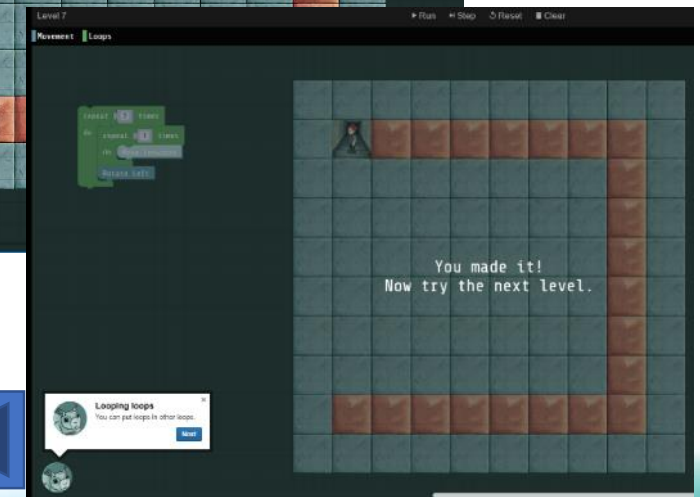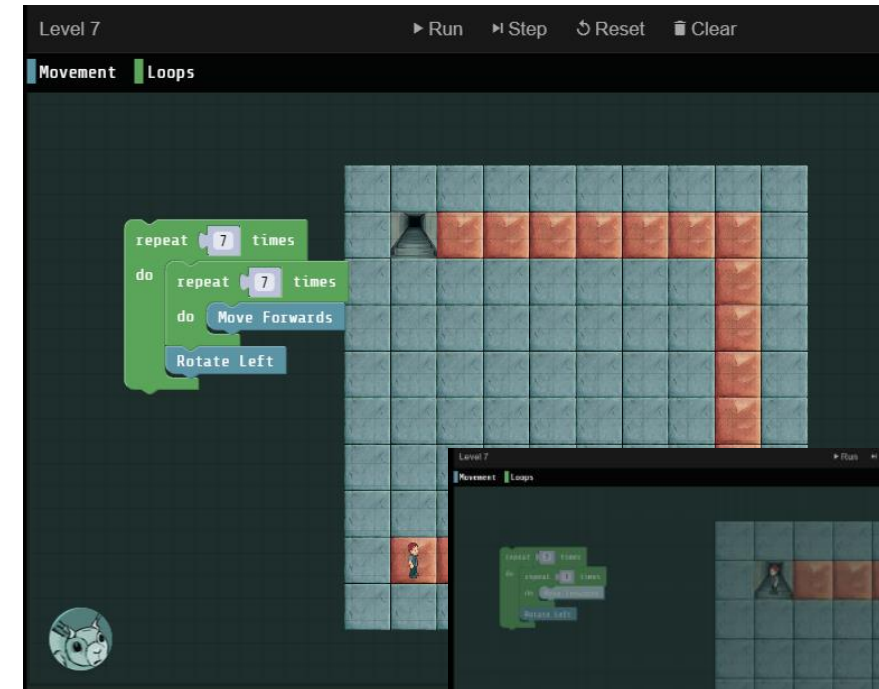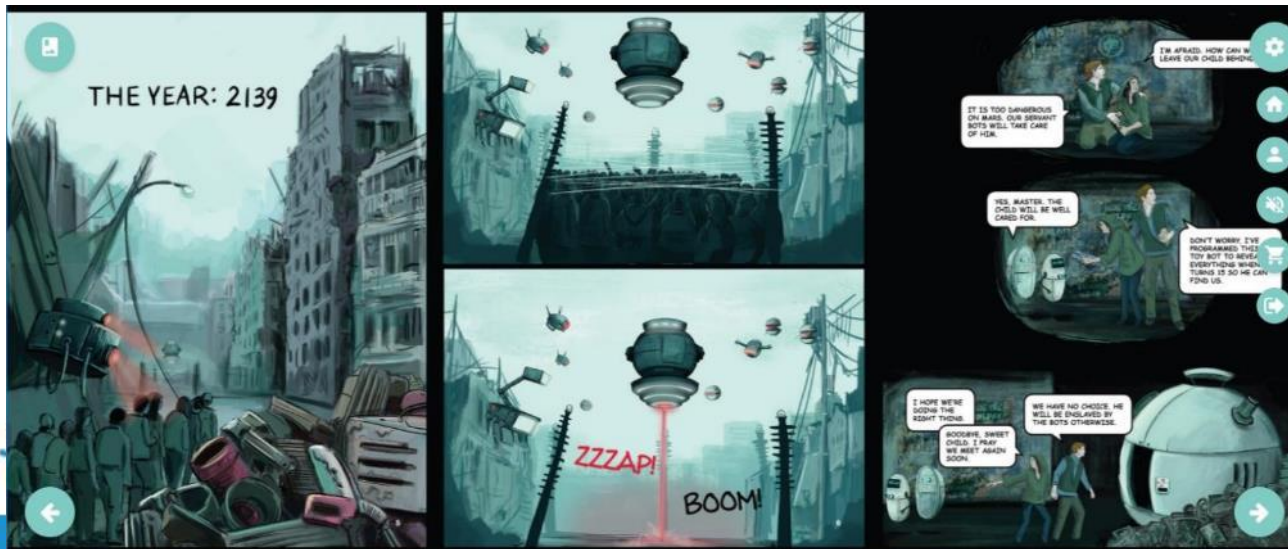
STEM

KLA
- English
- ICT
- Cross KLA

Key Stage
- 2 - 3

Support Platform

Web

- Integrates coding and reading
- Encourages problem-solving skills, creativity and abstract thinking.

NEW

CODEMONKEY

- Game-based online coding platform

- Teacher dashboard for teachers to monitor students' performance and convenient for scoring

- Flexible lesson plan for each coding courses, include both online and offline classroom activities

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Maths & Science

MATHSPACE

- Matches with the curriculum in Hong Kong
- Adaptive mode task types, hints and timely feedback
- Handwriting recognition
- Hints and videos to assist students' learning. Each step will be recorded and evaluated.

Number sentences are a way of describing a situation using mathematics. Like written sentences, number sentences have some specific structure. Specifically they must have an equal sign and the value on either side of the equal sign must be the same.

In maths, we also call number sentences equations,

We can think of number sentences like scales. The equals sign is the middle of the scales

However, different combinations of numbers can add up to the same amount. For example, $6 + 4$ adds up to 10 but $5 + 5$ also equals 10.

The law of transitivity states that if $a = b$ and $a = c$, then $b = c$.

Using our example, we can say that if $6 + 4 = 10$ and $5 + 5 = 10$, then $6 + 4 = 5 + 5$.

Examples

QUESTION 1

Which of the following is a correct number sentence?

A) $8 + 19 = 34 + 7$ B) $8 + 19 = 20 + 7$ C) $8 + 19 = 23 + 7$ D) $8 + 19 = -20 + 7$

QUESTION 3

Complete the following number sentence: $4 \times 7 + 13 = 60 - \square$

Number Sentences

1. Complete the following number sentence.

$4 \times 7 + 13 = 60 - \square$

$4 1 = 60 -$

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- Interactive Mathematics learning platform enhances young learners' logical thinking and problem-solving
- Questions are compatible to the World Class Tests
- Arrange question order to fit learners' needs
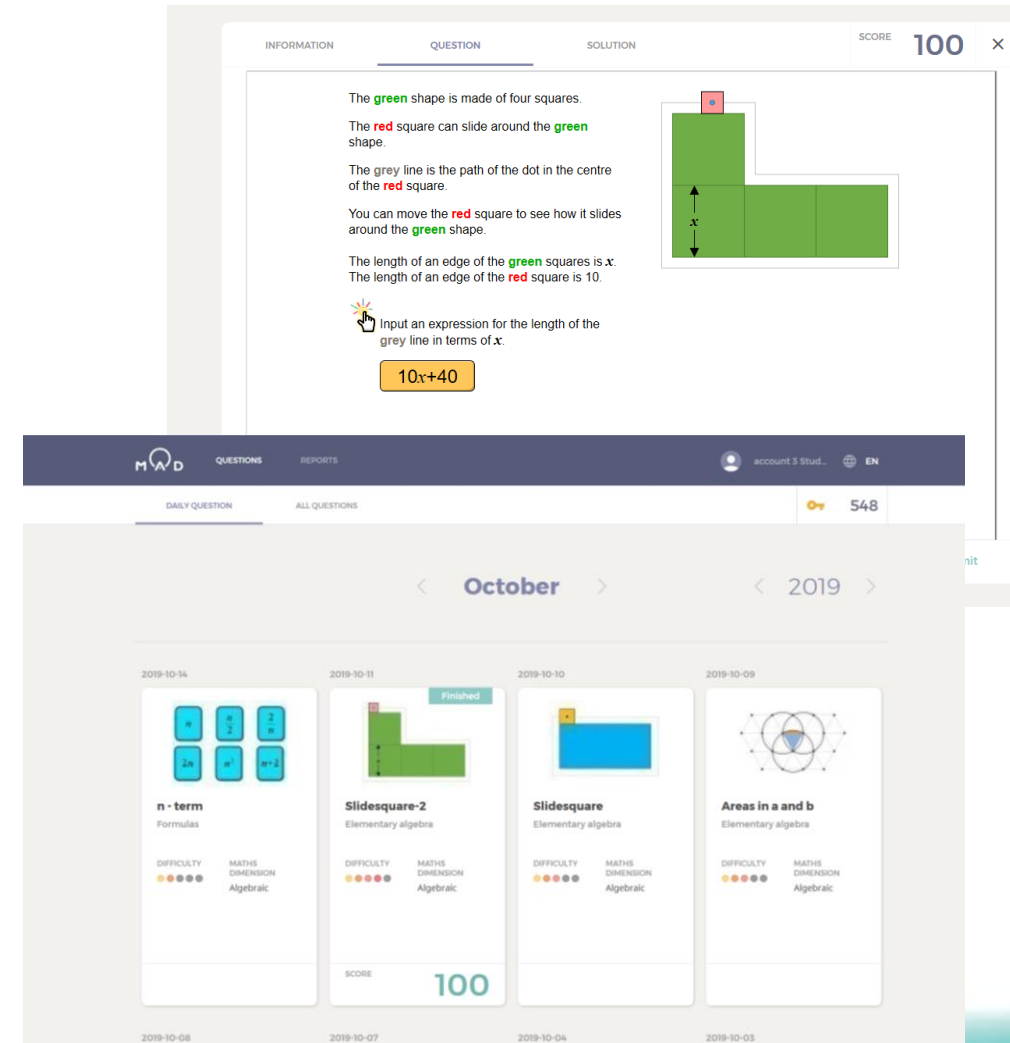- Performance Summary helps learners understand their strengths

- Over 1,700 Packs with diverse multimedia resources such as: Articles, Images, Videos, Primary Sources and Websites
- Organised and customisable resources
- Differentiated levels of contents
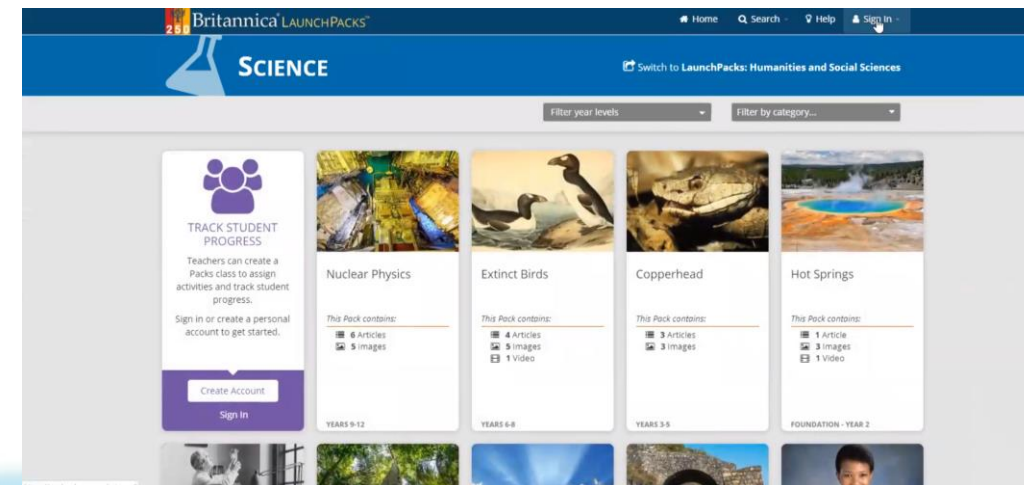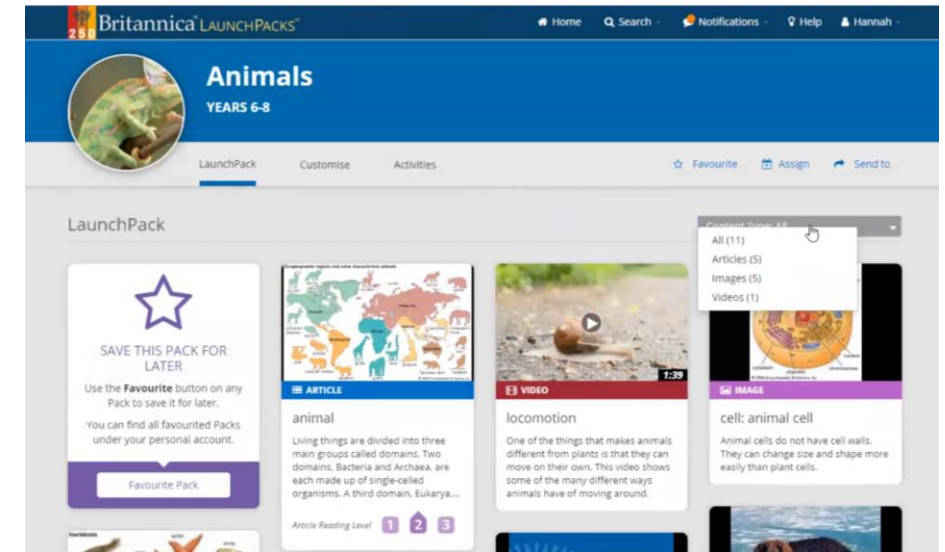- Build critical-thinking skills and enhance student literacy skills

Web

Films and learning materials

- Suitable for Hong Kong students to understand abstract science concepts through films.
- Over 1700 3-minute films
- Interactive quizzes for each topic
- Thousands of downloadable images, diagrams, and other digital materials
- Bilingual captioning
- Tracking learners' progress through 'MyTwig'

Biology
- Adaptation and Evolution
- Animal Kingdom
- Being Human
- Cells and DNA
- Ecosystems
- Healthy Living
- Human Body
- Plants

Chemistry
- Atoms and Bonding
- Chemical Industries
- Periodic Table
- Reactions

Earth Science
- Earth's Resources
- Geology
- Human Impacts
- Weather

Experiments
- Biology
- Chemistry
- Physics

Human Geography
- A Changing World
- Orientation and Settlements

Maths
- Accuracy and Proof
- Algebra
- History of Maths
- Measurement
- Number
- Shape
- Space
- Statistics and Probability

Physics
- Electricity and Circuits
- Energy and Radioactivity
- Forces
- Our Solar System
- Universe
- Waves

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English Language

EnglishCentral

- over 10,000 videos lessons and 50 video-based courses are available, each lesson with well-defined learning goal, topic, difficulty level and feature words
- Speech recognition system analyses and gives feedback on learners' pronunciation accuracy and fluency
- Other features: Slow mode, Definition of every word in a video, Phonetics alphabet

Cross-KLAs

- Over 1,200 Packs with diverse multimedia resources such as: Artic Images, Videos, Primary Sources an Websites
- Organised and customisable resour
- Differentiated levels of contents
- Build critical-thinking skills and enhance student literacy skills

Britannica LaunchPacks™

🏠 Home   🔍 Search ▾

Ancient Egypt: Government and Society
YEARS 9-12

LaunchPack   Customise   ☆ Favourite

LaunchPack

You've got a class? We've got your Pack!

LaunchPacks Humanities and Social Sciences combines up to

ARTICLE 🔒

chariot

open, two- or four-wheeled vehicle of antiquity, probably first used in royal funeral processions and later

Aboriginal Peoples Connection to Country

This Pack contains:
- 3 Articles
- 2 Images
- 1 Video
- 3 Websites

YEARS 3-5

Ancient Egypt: Government and Society

This Pack contains:
- 8 Articles
- 9 Images
- 2 Videos
- 1 Primary Source

YEARS 9-12

Family Stories

This Pack contains:
- 4 Articles
- 4 Images

FOUNDATION - YEAR 2

Landforms and Landscapes

This Pack contains:
- 17 Articles
- 16 Images
- 7 Videos
- 1 Website

YEARS 6-8

- 4 million royalty-free, rights cleared multimedia clips and 8000 audio files
- Intuitive video editing makes video production simple and accessible for all ages and ability levels.
- Teachers can search, customise and assign video projects by curriculum, subject or year level.

Apply for eREAP

eREAP Website

Online form

https://www.hkedcity.net/ereap/

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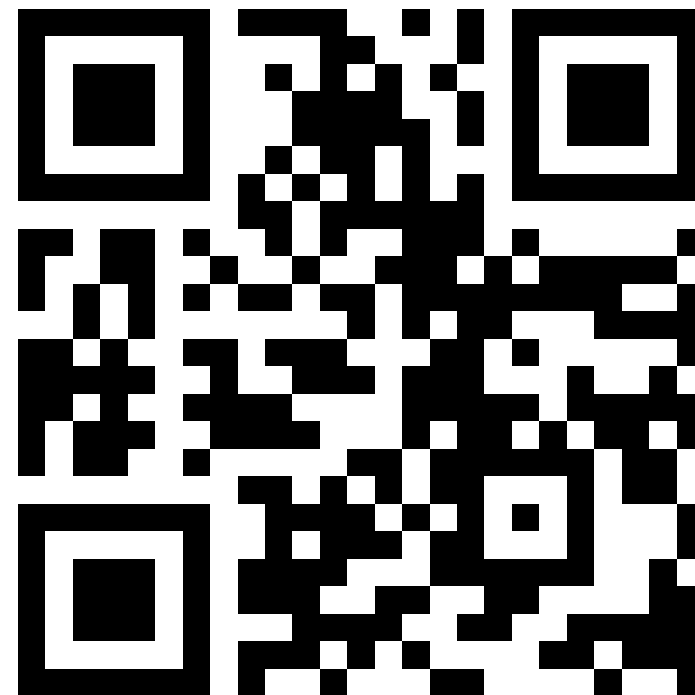
專業發展課程

	中文科	英文科	數理科	從閱讀中學習
網上研討會（經驗分享篇）	**【小學場】10月6日14:00** 講者：大埔舊墟公立學校 關倩芬副校長；馬鞍山靈糧小學 羅曉平老師	**【小學場】10月7日14:00** 講者：馬頭涌官立小學（紅磡灣）鄭美玲副校長；馬鞍山靈糧小學 楊子德老師	**【小學場】10月8日14:00** 講者：聖文德天主教小學 陶國耀老師；馬鞍山靈糧小學 袁穗華老師	「別壞了孩子語文學習的胃口」童心悅讀課程網上分享會 • 10月20日14:30 • 講者：五邑鄒振猷學校 鄭麗娟副校長
	【中學場】10月6日16:00 講者：香港聖公會何明華會督中學 楊小鳴老師、曾雅婷老師；香港管理專業協會李國寶中學 朱蓓妮老師	**【中學場】10月7日16:00** 講者：賽馬會萬鈞毅智書院 梁貝茵助理校長；英華書院 張子茵老師	**【中學場】10月8日16:00** 講者：東華三院李潤田紀念中學 陳浩文老師；可立中學（嗇色園主辦）歐潤南老師；新界喇沙中學 蔡仁欽老師	「從閱讀動機到能力：以多元策略促進學生閱讀投入」網上研討會 • 10月29日14:30 • 講者：香港大學教育學院 羅嘉怡博士；路德會西門英才中學 吳一敏助理校長；瑪利諾神父教會學校（小學部）陳錦華老師
網上工作坊（實踐篇）	10月22日15:00、10月22日16:30、10月23日15:00、10月23日16:30	10月27日15:00、10月27日16:30、10月28日15:00、10月28日16:30	10月21日15:00、10月21日16:30、10月30日14:30、10月30日16:30	

• 一連20場以學科為本的網上課程

• 介紹教城多元網上資源和平台服務，包括STAR、網上試題學習平台、VLE、e悅讀學校計劃、香港閱讀城等

• **「經驗分享篇」**：由教師分享運用創新教育科技推展高效學教評的心得

• **「實踐篇」**：由教城代表帶領參加者體驗各個平台，以掌握實際操作和應用技巧

專業發展課程
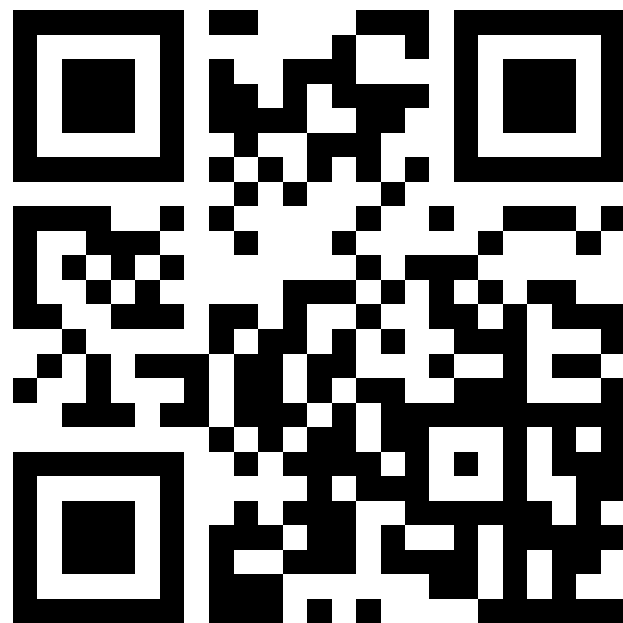
立即報名參加

創新教師獎

目的
- 表揚能夠善用科技、配合教育理論及創新教學法、成功實踐創新教育、提升學教評效能的教師
- 凝聚致力推動創新教育的教師，教育當下，立足未來
- 促進教育界的創新發展及專業交流，建立共享文化

對象
- 所有香港小學、中學和特殊學校教師
- 參加者須於提供正規課程的本地學校任教

報名及提交作品
- 即日起至2020年10月30日（五）
- 參加者需按**「創新學教評」**、**「照顧不同學習需要」**、**「可延續及擴展」**、**「對專業社群之貢獻」**四大評審準則提交相關作品

組別及獎項
- 小學組、中學組（特殊學校將根據其主要學習階段劃分至中／小學組）
- 每組各設5名得獎者；頒獎禮將在「學與教博覽2020」舉行

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EdCity 20th Anniversary
教育當下・立足未來
Actualising Future Ready Education

查詢
- 熱線: **+852 2624 1000**
  星期一至星期六
  上午**8**時至下午**10**時
  *公眾假期除外
- 電郵: info@hkedcity.net
- 網站: www.hkedcity.net

網上
問卷

FEEDBACK

Thank You

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