

Innovative eResources: Let Real Learning Happen 融入電子資源 · 學習油然而生

eResources Adoption Programme (eREAP)



Agenda

❖ 聖公會基恩小學
SKH Kei Yan Primary School

姚栢丞先生
Mr Nikko Yiu



❖ 新生命教育協會呂郭碧鳳中學
NLSI Lui Kwok Pat Fong College

李子偉先生
Mr Carl Lee



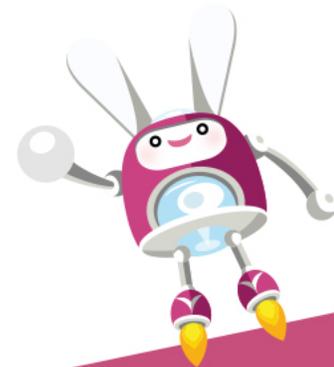
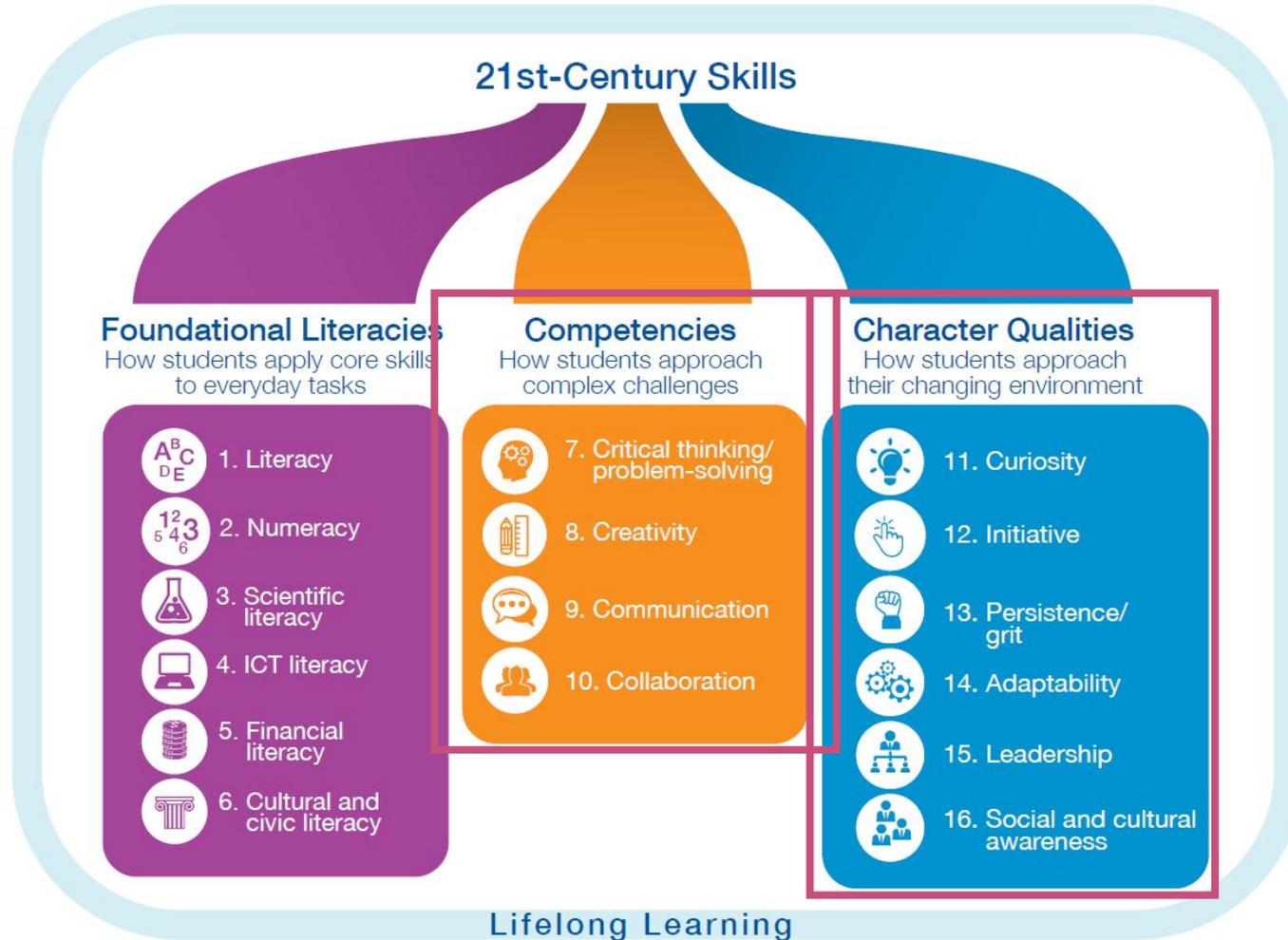
❖ 香港教育城
Hong Kong Education City

陳佳寶女士
Ms Kosice Chan

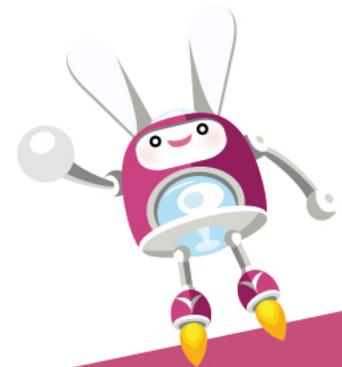
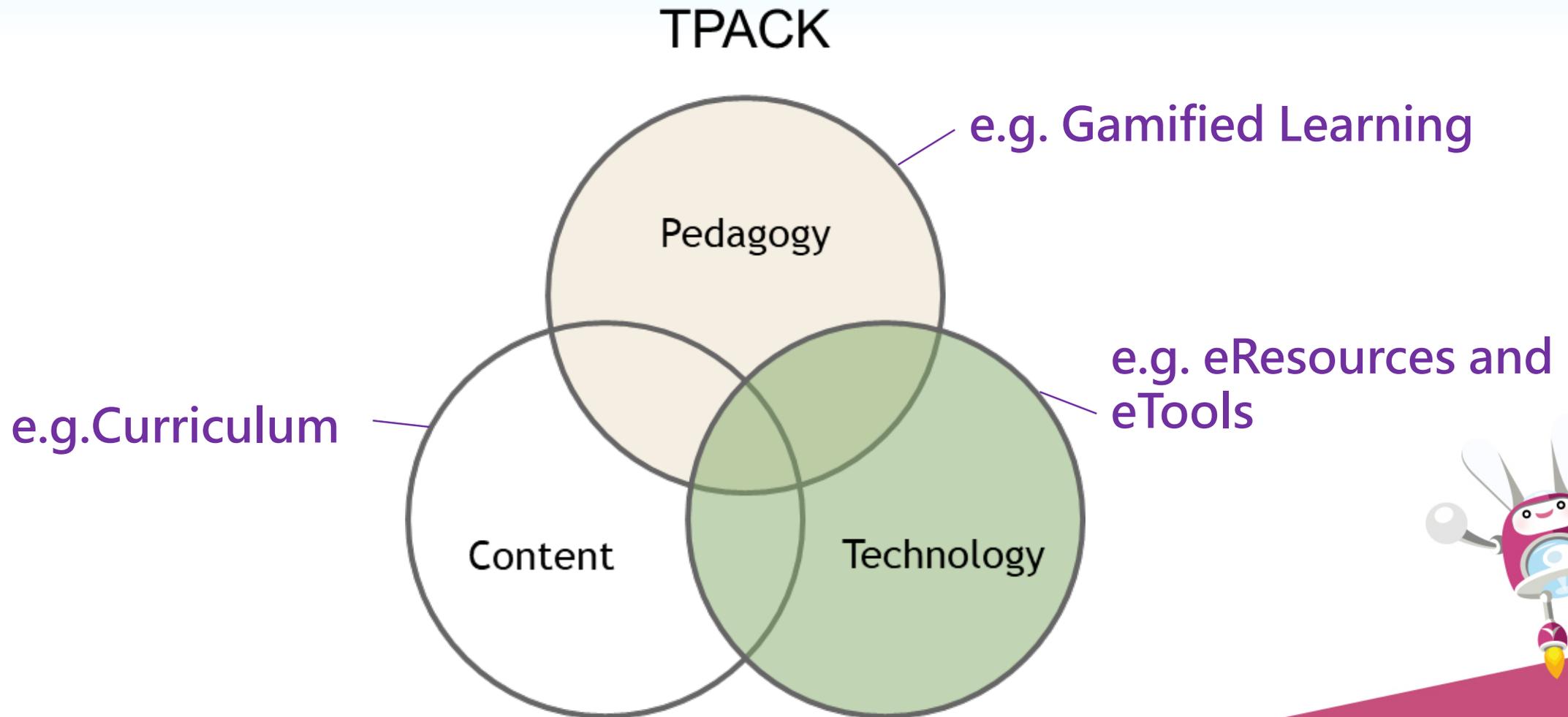


21st Century Learning

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



Innovative eResources integrate Technology in Learning & Teaching



International Solutions

270+

School



A.I. Voice Marking



STEM



Social Emotional Learning



Maths Adaptive Learning



Cross-disciplinary Learning



eREAP Resources

- ▶ cover different subjects in primary and secondary schools

Language Learning



Learning Tools

seppo^o

esri China HONG KONG



Multiple subjects

DYSTØPIA 2123
A project by TEACH Magazine

Brain POP

Brain POP Jr.

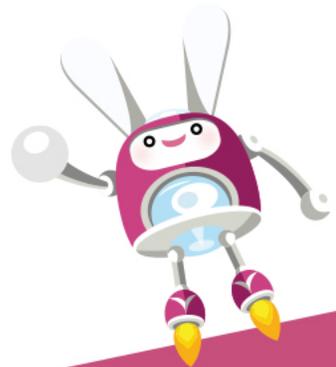
Maths & Science

Learnlex™



MATHSPACE

Twig



eREAP Features



Application



Free trial



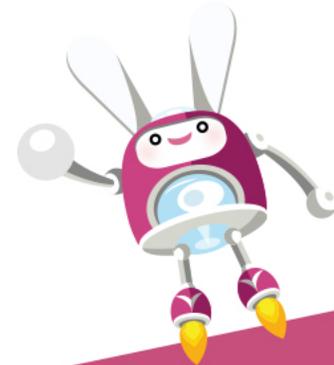
Bulk Purchase



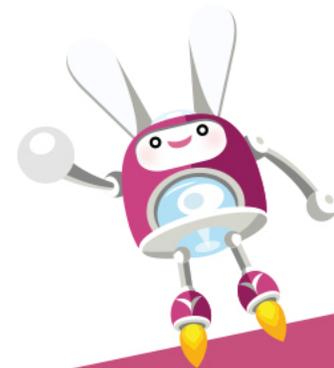
HKEdCity Supports



- Account Provision
- Workshops
- Teaching Plans
- School Cases
- Student Schemes
- Teacher Communities



Language Learning



KLA

•English

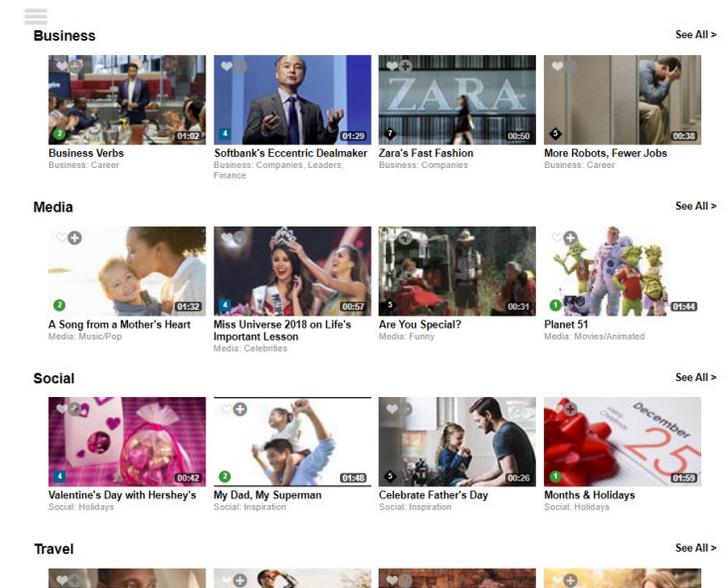
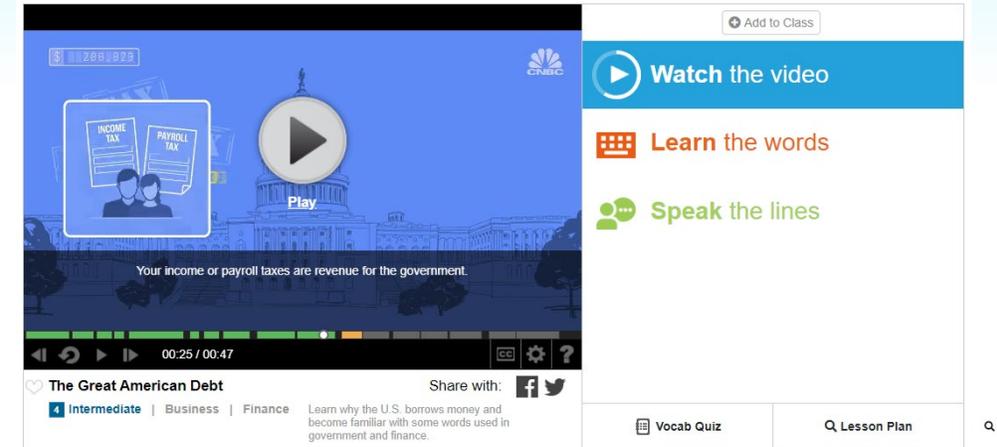
Key Stage

•1 - 4

Support Platform

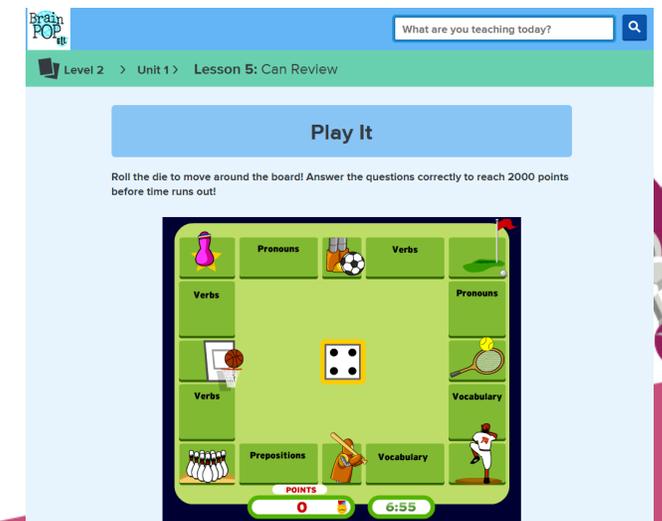


- over **10,000 videos** lessons and 50 video-based courses are available, each lesson with well-defined **learning goal, topic, difficulty level and feature words**
- **Speech recognition system** analyses and gives feedback on learners' pronunciation accuracy and fluency
- **Other features: Slow mode,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

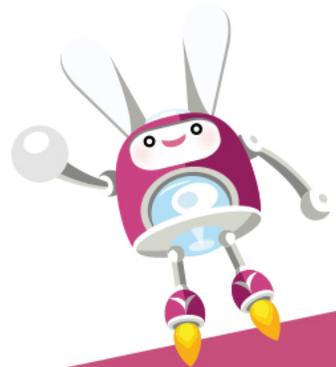




- familiarises students with authentic English via **animations** and **games**
- grab-and-go **teaching plans**, ideas and tools
- Features: ‘Make-a-map’, ‘Flash Words’
- Curriculum maps with widely acceptable guidelines/frameworks e.g. TESOL Standards , WIDA Standards



Cross-KLA / Multiple subjects



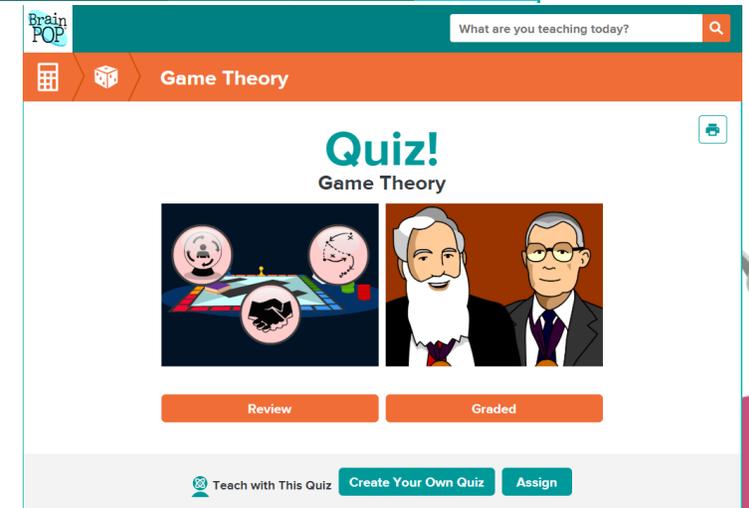
KLA
•All

Key Stage
•2 - 4

Support Platform



- inspiring **animations** and **gamification** elements, BrainPOP attracts students to explore knowledge in a **cross-curricular** perspective.
- Interactive quizzes and Flexible quiz modes for teachers to customise for diversified learning needs
- Features: 'Sortify' , 'Make-a-movie'



KLA
•All

Key Stage
•1 - 2

Support Platform



- engages young learners with **animations** and **games**
- activities and tasks are suitable for **different learning styles** :
- 'Draw about it' , 'Talk about it' etc.



KLA

- English
- ICT
- Cross KLA

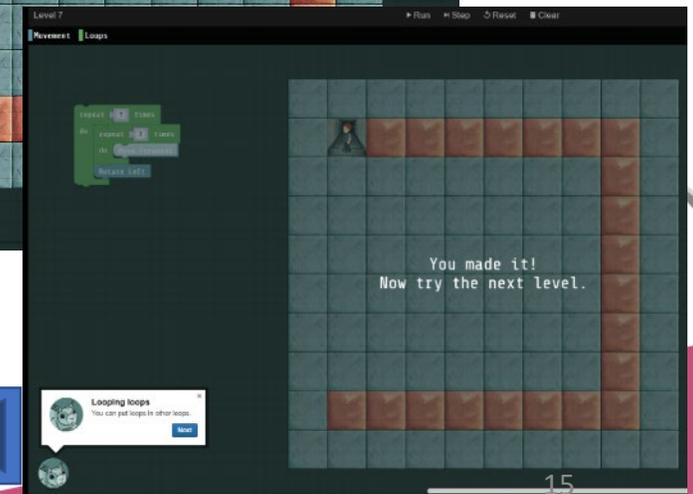
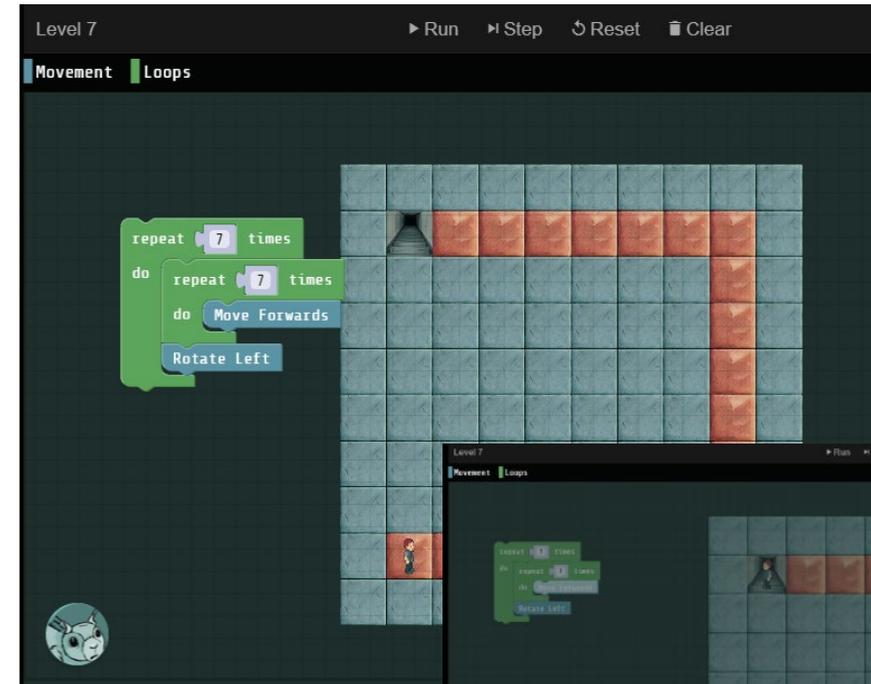
Key Stage

- 2 - 3

Support Platform



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



Maths & Science





KLA

• Science

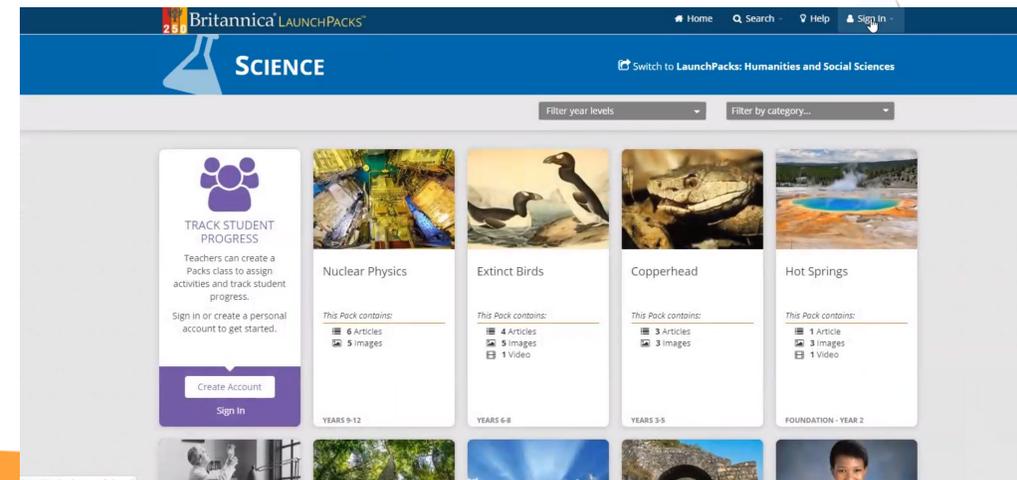
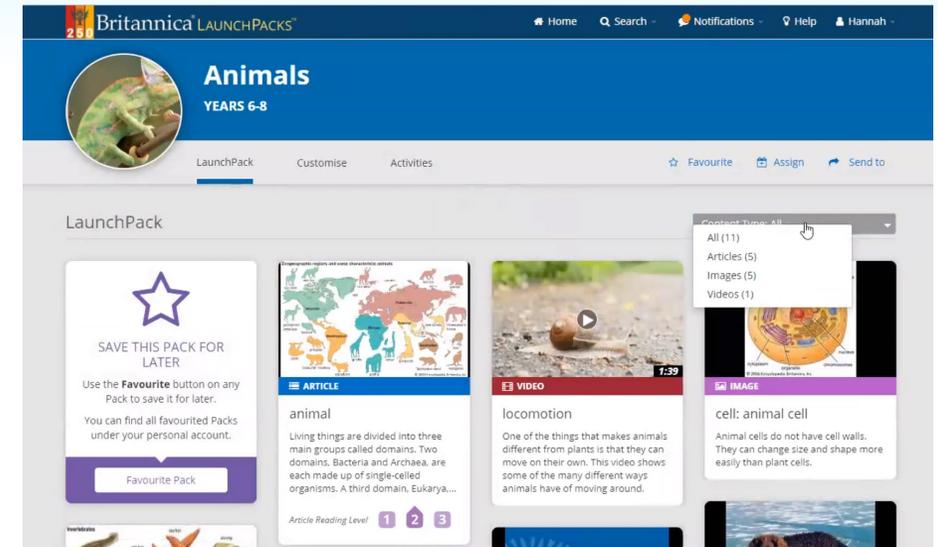
Key Stage

• 1 - 4

Support Platform



- 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



KLA

• Mathematics

Key Stage

• 2 - 4

Support Platform



- 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

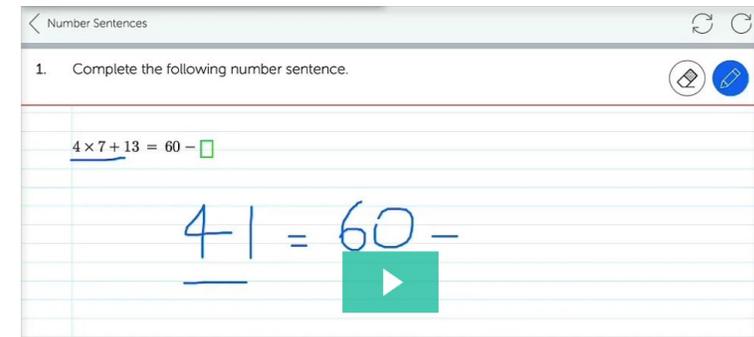
QUESTION 1

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.

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

$41 = 60 -$

▶





- 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



The screenshot displays the Learnlex interface. The top part shows a question about a geometric shape composed of four squares. The text reads: "The green shape is made of four squares. The red square can slide around the green shape. The grey line is the path of the dot in the centre of the red square. You can move the red square to see how it slides around the green shape. The length of an edge of the green squares is x . The length of an edge of the red square is 10." Below this, there is an input field for the length of the grey line in terms of x , with the answer $10x+40$ entered. The score for this question is 100.

The bottom part of the screenshot shows a performance summary dashboard for the month of October 2019. It displays a grid of question cards with their respective dates, titles, and scores. The "Slidesquare-2" card is highlighted with a "Finished" status and a score of 100. Other cards include "n-term", "Slidesquare", and "Areas in a and b".



KLA

• Science

Key Stage

• 3 - 4

Support Platform



- 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'

Films and learning materials



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



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



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



- Biology
- Chemistry
- Physics



- A Changing World
- Orientation and Settlements



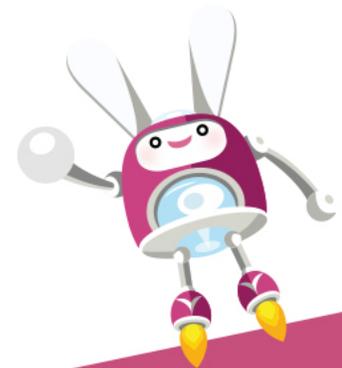
- Accuracy and Proof
- Algebra
- History of Maths
- Measurement
- Number
- Shape
- Space
- Statistics and Probability



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



Learning Tools



ArcGIS Online

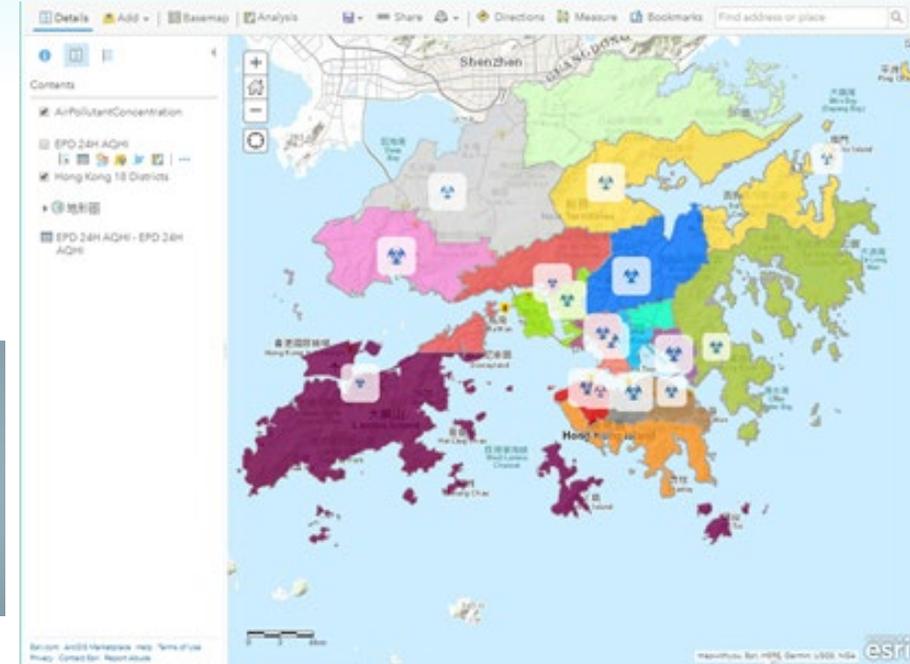
KLA
•All

Key Stage
•2 - 3

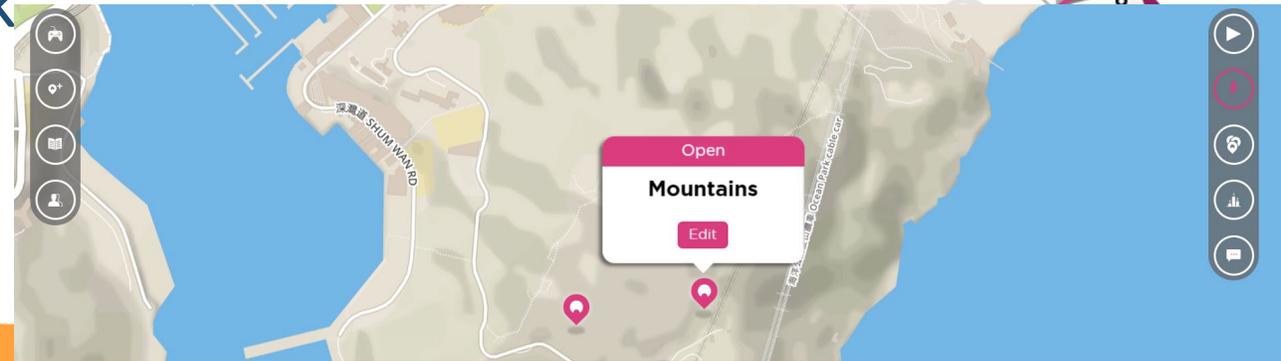
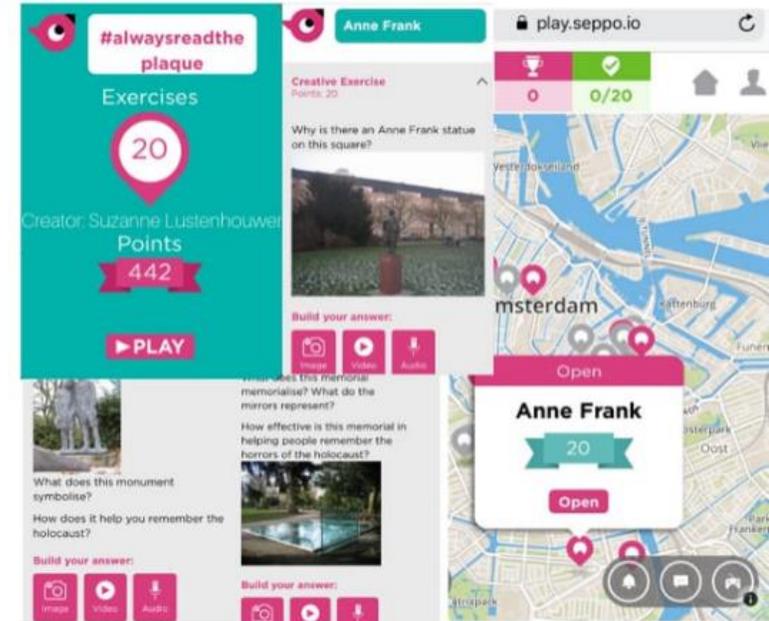
Support Platform



- Cloud-based mapping platform 'ArcGIS Online'
- Diverse functions such as Story Maps, Create maps etc.
- Suitable for **Inquiry-based learning**, Project-based learning etc.
- Suitable for **Geography, STEM, General Studies, Liberal Studies, History** etc.



- 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





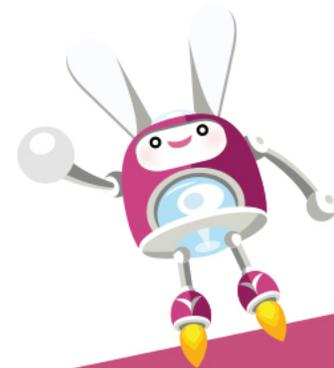
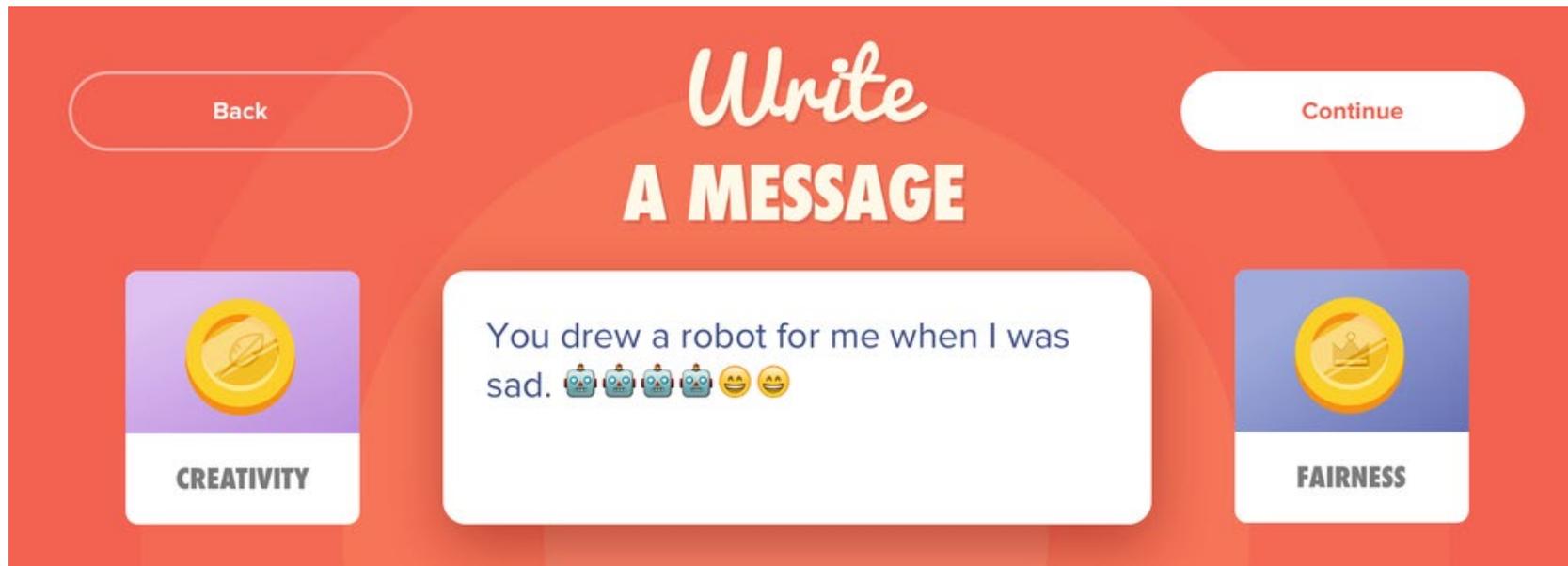
KLA
• All

Key Stage
• 1 - 2

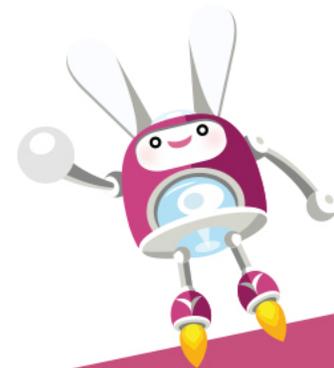
Support Platform



- ▶ Tool for **social and emotional education**
- ▶ Activities to build **27 Character Strength**
- ▶ A Measure to classroom's social well-being



Apply for Free Trial!



遊戲化學習 – eREAP 計劃 Gamified Learning – eREAP

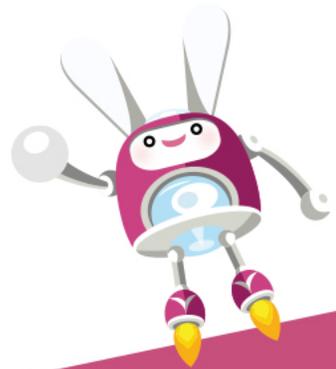
11 Dec 14:45 – 15:45

Britannica LaunchPacks Science 教師培訓工作坊

11 Dec 16:00 -16:20

Mathspace 數學科平台工作坊

Thank
You





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