Strategic Use of e-Reading Resources, IT Tools and Innovative Pedagogies to Enhance Student e-Reading and Reading Motivation in English Language

A 6-hour refresher training course commissioned by EDB, 2020

delivered by Centre for Learning Sciences and Technologies (CLST) The Chinese University of Hong Kong

Session 1

### **Course Instructors**

### Paul Sze

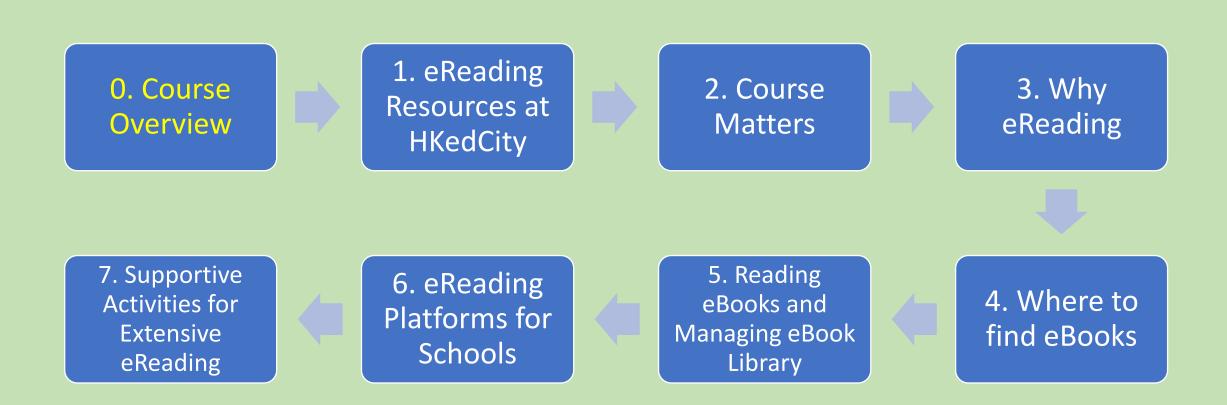
- MA. M.Ed, EdD, FRSA, FCIL, Chartered Linguist, Microsoft Certified Educator
- Honorary Professional Consultant, CUHK Faculty of Education
- Areas of Specialism
  - TESOL methodology
  - Technology-enhanced language learning
  - Flipped Classroom

#### Wallace Man

- MAN HO WAI · WALLACE BSSc. ( HON.) / PGDE (DIST.)/ MEd, CUHK
- 借調: 香港教育局資訊科技教育組 行政長官卓越教育獎秘書處
- 專研: 網絡探究 WebQuest
  - 資訊素養 Information Literacy
    教育遊戲 Game-based Learning
    網誌教學 Blog-based Learning
    移動學習 Mobile Learning
    翻轉教學 Flipped Learning
    自主學習 Self-directed Learning

gramme Description guage Medium	<ol> <li>Overview of pedagogical design of reading;</li> <li>Essential principles in designing e-reading activities;</li> <li>Design and implementation of e-reading activities with approv</li> <li>Facilitating the use of existing e-reading resources and platfor</li> <li>Practical IT tools for e-reading activities in English Language</li> <li>Case studies of selected e-reading programmes of English Lar</li> <li>Other innovative e-reading strategies.</li> <li>Cantonese Supplemented with English</li> </ol>	
D Elements for acipal	CPD Mode: CPD Hours: Core Areas of Leadership:	Structured Learning 6.0 Hour(s) II. Learning, Teaching &

### Session 1 Rundown



# Course Objectives

(a) search, select, adapt and tailor-make ereading resources for English Language;

(b) understand the use of e-library and multimedia information system of LCSD, e-book platform of HKEdCity and other reading resources on the Internet;

(c) understand the use of simple and practical IT tools for ereading activities in English Language (e.g. search engine, websites with language learning resources, online dictionary, online discussion forum, learning management system (LMS), collaboration tools, multimedia presentation tools, video recording tools, flipped learning tools and other relevant tools);

# Course objectives, contd.



(d) understand the learningopportunities, features, strength andlimitations of e-reading resources andIT tools for reading activities;



(e) understand the essential elements in the design of e-reading activities (including reading activity in and out of lessons e.g. reading scheme, cross-curricular projects and RaC, etc.) in consideration of the pedagogy and connection with the curriculum of English Language from the case study of exemplars for primary and secondary school students;

# Course objectives, contd.



(f) create and modify simple design of reading activities by using various ereading resources, IT tools and innovative pedagogies;



(g) monitor and evaluate the reading progress of students and provide quality feedback to enhance learning and teaching effectiveness by using appropriate IT tools; and



(h) integrate the subject
 knowledge of English Language
 and IT to broaden students'
 reading, guide students to
 master reading

2 strands of e-Reading to be covered in this course

### Session 1 Extensive e-Reading

Session 2 Intensive e-Reading

#### Assignment

Throughout the 2 sessions, you will be invited to browse certain e-Reading resources, applications, ideas, and try out some e-Reading activities.

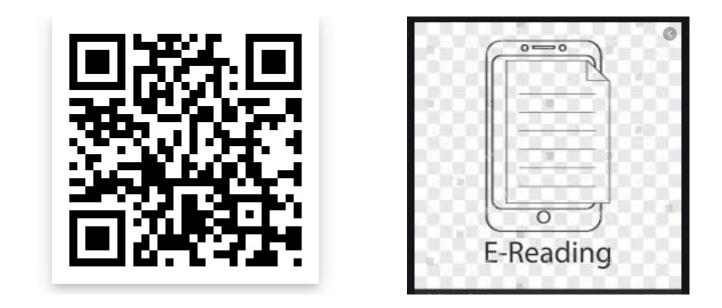
On the Worksheet given, respond to the tasks assigned, take notes on the resources and ideas that are of particular interest to you and which you would want to follow up on after this course.

Submit your completed worksheet to the course instructors at the end of each session, while keeping one copy for yourself.

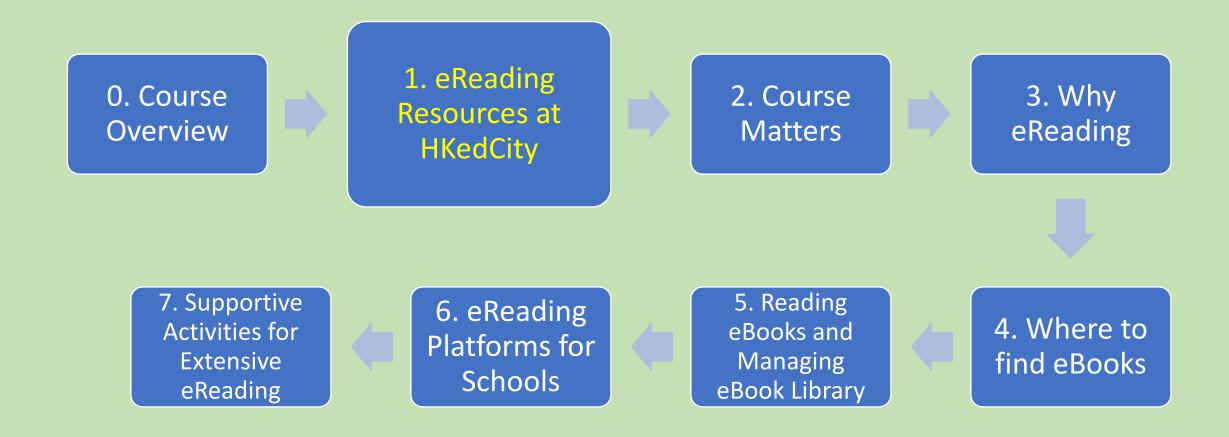
#### Please join!

#### CUHK\_eReading(ENG)\_SS\_AB https://chat.whatsapp.com/IUWcF0Q2VzUB4O038hmn48

10



### Session 1 Rundown

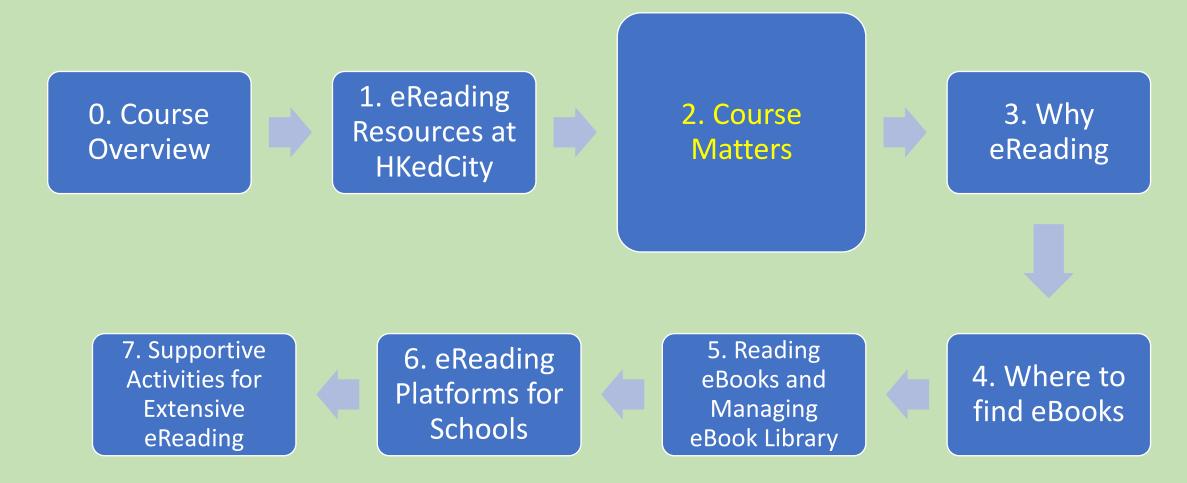


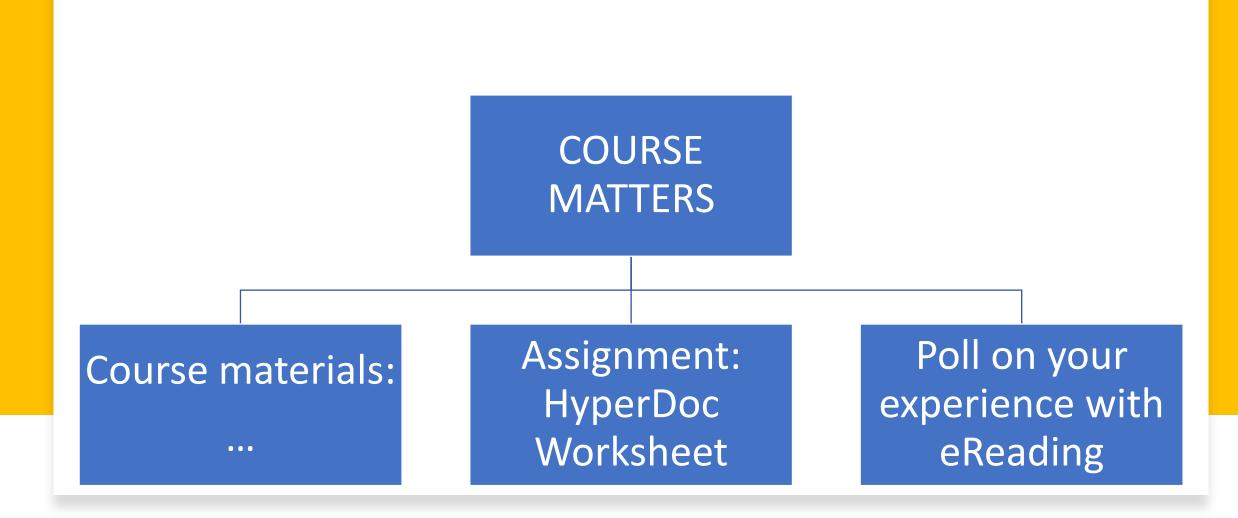




#### Resources for Extensive e-Reading at HKEdCity

### Session 1 Rundown





# Activity 1

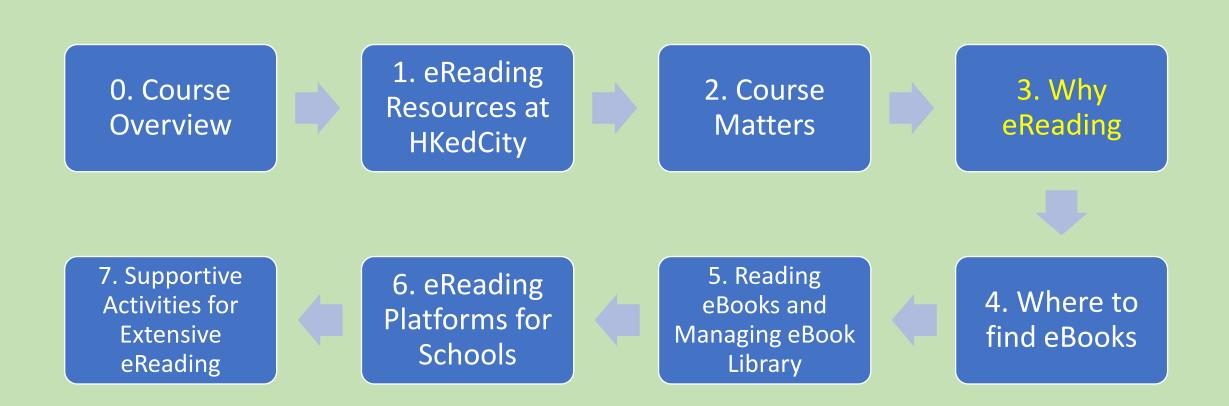
- Get hold of and copy the Session Materials
- 2. Open Session 1 Worksheet. Save it to the computer desktop. You will be using this worksheet throughout the session. You will need to submit your completed worksheet to the course Whatsapp group at the end of the session.
- 3. Now, find Task 1 on the Worksheet, which is to answer a poll on your experience with eReading. Follow the link, and respond to the poll.



REVISE; Take a poll on your experience with e-Reading



### Session 1 Rundown





### Until the first few years after 2000

#### READING

#### WRITING



### TODAY

#### READING



#### WRITING









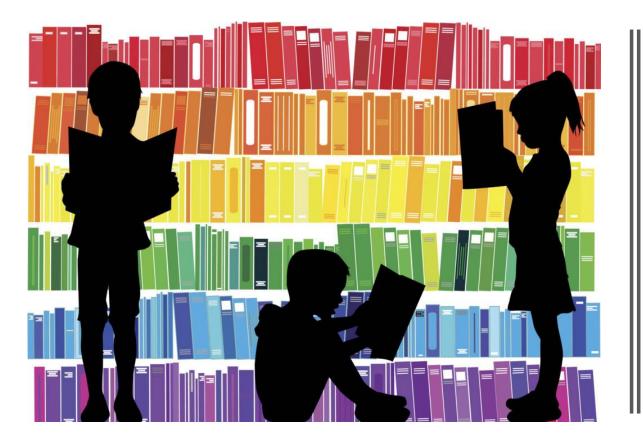
# So, why eReading?

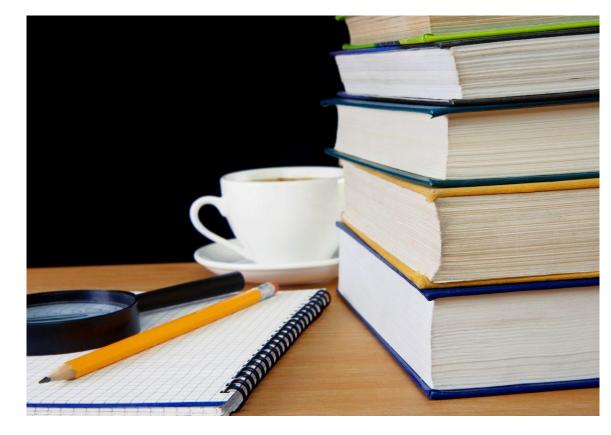
# Recent developments in the Hong Kong curriculum for schools

The 2017 English Language Curriculum: An exemplar unit

Affordances of eReading

# Recent Developments







#### Education Bureau

The Government of the Hong Kong Special Administrative Region



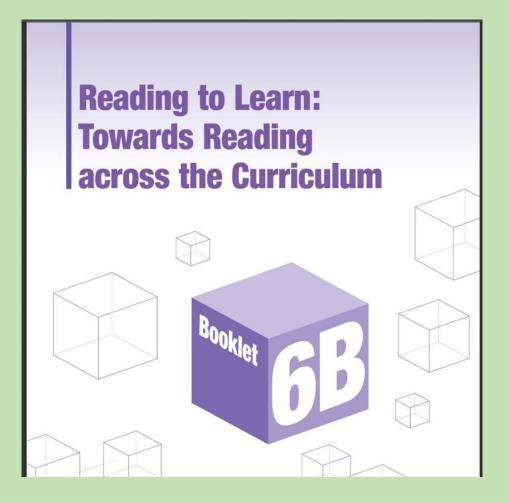
ovHK香港政府一站通 繁體	版 简体版	Mobile / Accessible Version	My Colour	AAA	Enter search keyword(s)	P   Site
ome		Stare.	7 4	-		
atest News			/- /	102	AREA REFERENCE	
bout EDB	Home > Curriculum Developmen	<u>t</u>				
ress Release	Topic Highlights		• Cr	oss Key	Learning Areas Studies	
ducation System and Policy	Curriculum Development	Council	▼ Se	ven Lea	ming Goals	
urriculum Development	Ongoing Renewal of the S	chool Curriculum	▼ Fc	ur Key Ta	asks	
tudents and Parents Related	The Only of One in the En					
achers Related	The School Curriculum Fra	amework	▼ Re	sources	and Support	
Curriculum Development and Documents https://www.edb.gov.hk/en/curriculum-development/list-page.html#						
elated						
ccess to Information	Key Learning Areas		▼ La	test Curr	iculum Documents 26	

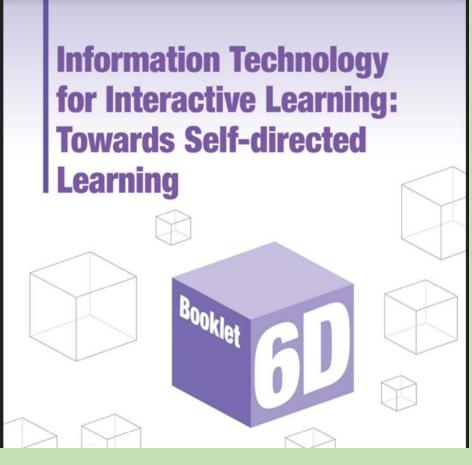
#### 1. The Hong Kong Secondary Education Curriculum Guide (2017)

 <u>https://www.edb.gov.hk/en/curric</u> <u>ulum-</u> <u>development/renewal/guides\_SECG.</u> <u>html</u>

#### Secondary Education Curriculum Guide (2017)

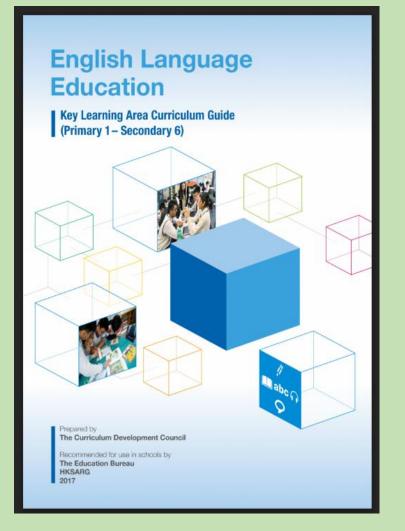
Introduction	-
Booklet 1: Ongoing Renewal of the School Curriculum	72
Booklet 2: Learning Goals, School Curriculum Framework and Planning	73
Booklet 3: Effective Learning and Teaching: Developing Lifelong and Self-directed Learners	72
Booklet 4: Assessment Literacy and School Assessment Policy	72
Booklet 5: Embracing Learner Diversity	7.
Booklet 6: Four Key Tasks: Towards Major Renewed Emphases	-
Booklet 6A: Moral and Civic Education: Towards Values Education	7
Booklet 6B: Reading to Learn: Towards Reading across the Curriculum	-
Booklet 6C: Project Learning: Towards Integrating and Applying Knowledge and Skills across Disciplines	72
Booklet 6D: Information Technology for Interactive Learning: Towards Self-directed Learning	72
Booklet 7: Life-wide Learning and Experiential Learning	73
Booklet 8: Interfaces between Key Stages 2 and 3 and Key Stages 3 and 4	72
Booklet 9: Career and Life Planning – Multiple Pathways for All Students to Excel	73
Booklet 10: Quality Learning and Teaching Resources 27 插印	面畫文





#### 2. Reading in the 2017 English Language Guide

- Emphases
- New Developments



https://docs.google.com/viewer?url=https%3A%2F%2Fwww.edb.gov.hk%2Fattachment%2Fen%2Fcurriculumdevelopment%2Fkla%2Feng-edu%2FCurriculum%2520Document%2FELE%2520KLACG\_2017.pdf incorporating the updated Four Key Tasks (i.e. Moral and Civic Education: Towards Values Education, Reading to Learn: Towards Reading across the Curriculum, Project Learning: Towards Integrating and Applying Knowledge and Skills across Disciplines, and Information Technology for Interactive Learning: Towards Self-directed Learning); inviting students to read a wide range of materials with differen text types to facilitate the development of a culture of "re "Reading across the Curriculum" (RaC), and designing aj students to appreciate the value of reading; and hentic materials and e-resources to suit students' needs and foster the of a broader range of literacy skills, including new literacy skills to reate visual/multimodal texts;

#### Appendix 5

Key Stages 3 – 4 (S1 – 6)

KS3	KS4		
(S1 – 3)	(S4 - 6)		
<ul> <li>Understand, interpret and analyse different written and multimodal texts</li> <li>make use of knowledge of the world to make sense of the text</li> <li>acquire, extract and organise information relevant to specific tasks</li> <li>understand how visual elements create meaning</li> <li>relate facts, opinions and information from a variety of print and non-print sources</li> <li>understand different feelings, views and attitudes</li> <li>differentiate fact from opinion</li> <li>identify implied meanings through making</li> </ul>	<ul> <li>Understand, interpret and analyse a variety of written and multimodal texts         <ul> <li>use linguistic and contextual clues, knowledge of features of different text types and knowledge of the world to determine the meaning of the text</li> <li>identify main and supporting ideas</li> <li>relate cause to effect</li> <li>relate evidence to conclusions</li> <li>recognise the rhetorical functions performed by sentences in the development of a text</li> <li>follow and evaluate the development of a month of view or argument</li> <li>distinguish different points of view and</li> </ul> </li> </ul>		

Reading Skills in the 2017 Eng Lang Curriculum Guide

#### 4. Supplement to the English Language Education KLA Curriculum Guide

 https://docs.google.com/viewer?u rl=https%3A%2F%2Fwww.edb.gov.hk
 %2Fattachment%2Fen%2Fcurriculum
 -development%2Fkla%2Fengedu%2FCurriculum%2520Document
 %2FELE%2520JS%2520Supplement%
 25202018.pdf Supplement to the English Language Education Key Learning Area Curriculum Guide

Secondary 1-3

#### Contents

#### Preamble

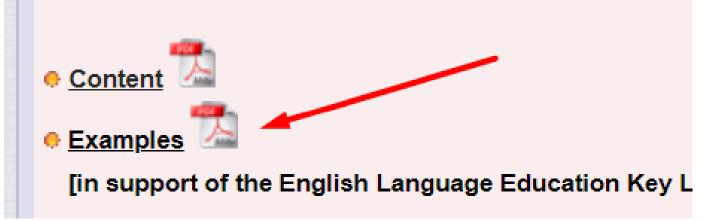
Chapter 1	The	Learning and Teaching of Listening	3
	1.1	Importance of Listening	3
	1.2	Effective Listening Skills	3
	1.3	Role of the Teacher	4
	1.4	Choice of Listening Materials	5
	1.5	Activities to Develop Listening Skills	6
	1.6	Task-based Listening Activities	10
Chapter 2	The	Learning and Teaching of Speaking	15
	2.1	Importance of Speaking	15
	2.2	Effective Speaking Skills	16
	2.3	Role of the Teacher	17
	2.4	Choice of Speaking Activities	20
	2.5	Task-based Speaking Activities	22
	2.6	Conducting Speaking Activities	24
Chapter 3	The	Learning and Teaching of Reading	29
	3.1	Importance of Reading	29
	3.2	Effective Reading Skills	30
	3.3	Role of the Teacher	31
	3.4	Choice of Reading Materials	33
	3.5	Task-based Reading Activities	34
	3.6	Conducting a Reading Task	34
	3.7	Intensive and Extensive Reading	45
	3.8	Reading across the Curriculum	46

#### E-Reading An exemplar unit

# **Curriculum Documents**

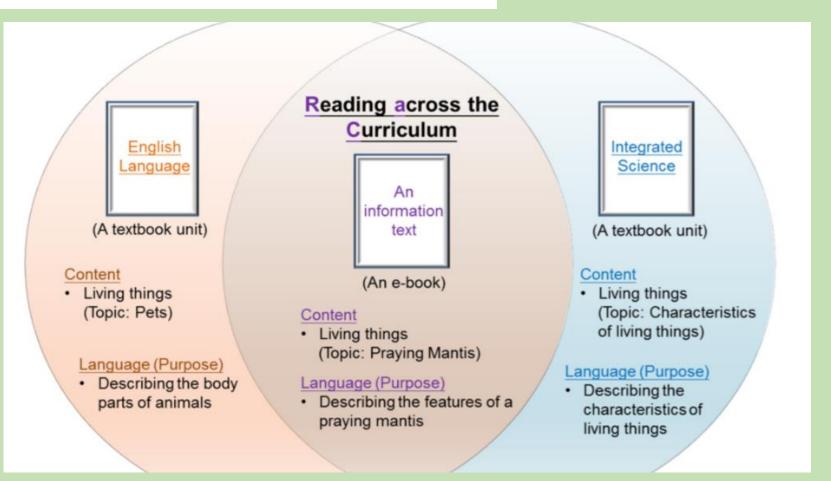
#### **Primary and Secondary**

CDC English Language Education Key Learning Area C



Example 11

Enhancing Students' Literacy Skills Development: Promoting Reading across the Curriculum through e-Learning (Secondary 1-3)



With the rapid development of information technology, the teacher can promote ereading through:

modelling screen reading to provide students with multiple ways to engage with e-texts;

- collaborating with the teacher-librarian to encourage students to read eresources available in the school library;
- setting up an e-platform for students to engage in reading outside school hours and to share their reading experiences with peers, teachers and parents; and
- encouraging students to make use of the e-resources in the public libraries.

<sup>31</sup> 

## Why e-Reading?

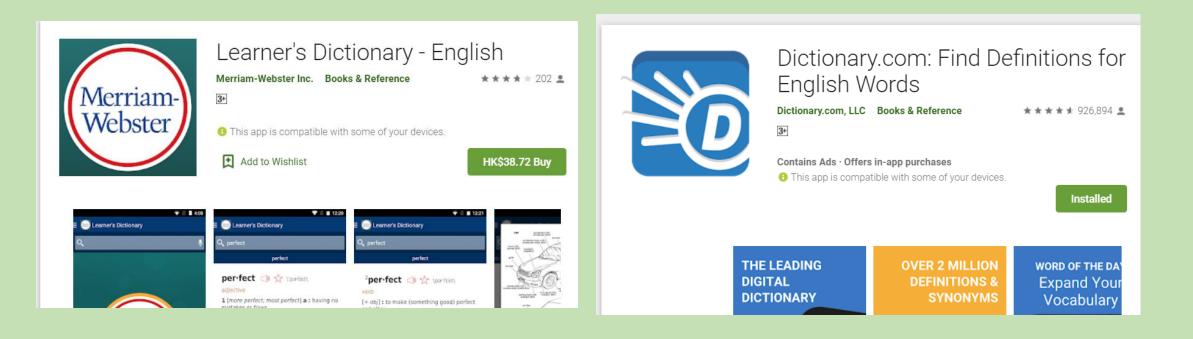
Affordances of Technology for e-Reading in the School Curriculum

# 2 online dictionaries with "Save Word" function

### **Merriam-Webster Learner's Dictionary**

(desktop: Free; mobile: Paid)

### **Dictionary.com (IOS, Android)**



## Edtech support for e-Reading:

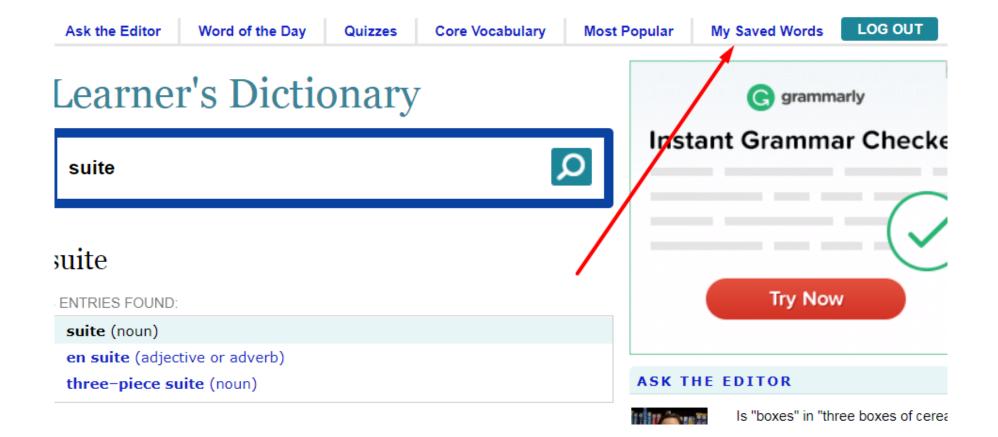
## one example

http://learnersdictionary.com/





## "my saved words"



### Learner's Dictionary

### My Saved Words

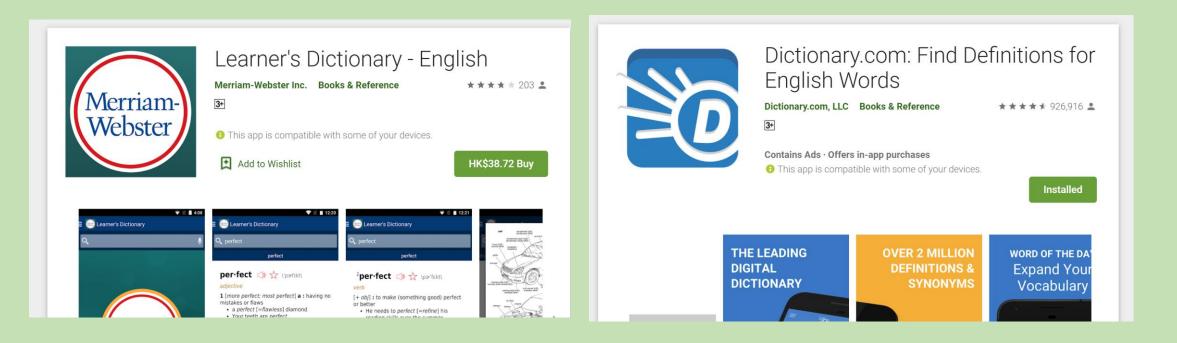
#### User: paulsze

Recent   Alphabetical   Edit List							
suite Saved 04/24/2019							
awesome Saved 02/23/2018							
benign Saved 08/01/2015							
canine Saved 06/25/2015							
pique Saved 05/15/2015							
viral Saved 05/15/2015							
swagger Saved 08/02/2014							

## Mobile

**Merriam-Webster Learner's Dictionary** 

### Dictionary.com



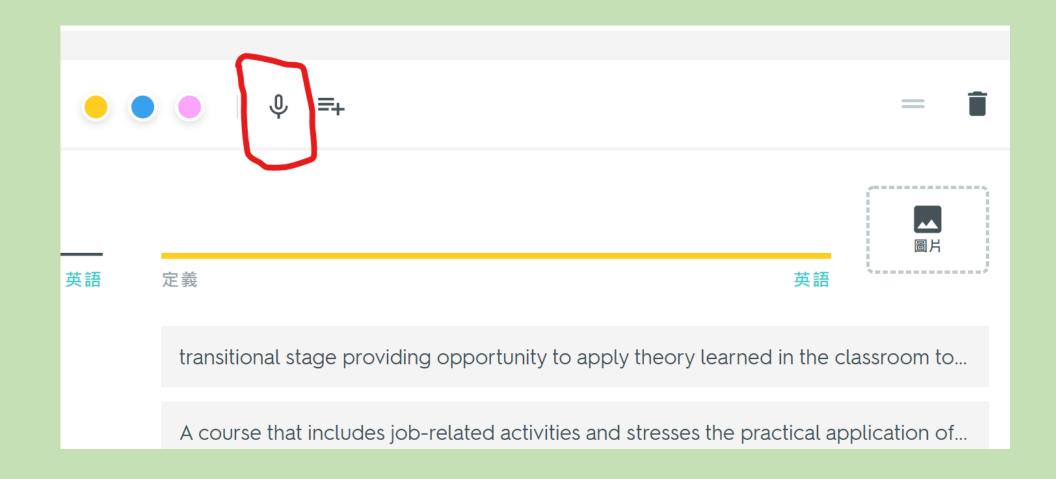
Edtech support for e-Reading: Example 2; Using Quizlet for creating a personal vocabulary notebook



## Built-in dictionary

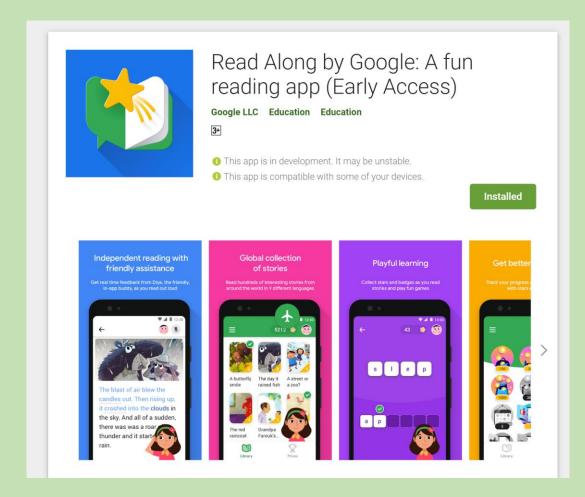
chasm		
詞語	選擇語言	定義
		a deep, gaping hole; a gorge
	a deep opening in the earth's surface	
	a deep opening in the earth's surface; a gorge;	
		∺ <b></b> 新增選擇題選項 <mark>測試版</mark>

## Built-in audio-recording



## Example 3: Read Along by Google

https://play.google.com/store/apps/details?id=com.google.android.apps.seekh



# Example 4: Read Aloud: A Text-to-Speech Voice Reader

chrome web store

Home > Extensions > Read Aloud: A Text to Speech Voice Reader



### Read Aloud: A Text to Speech Voice Reader

/websters /detail/read aloud a tout to area /bdbireadidaticidbrafician algina include /related 2bl

Offered by: Isdsoftware.com

 $\star \star \star \star \star \star \star \star$  1,725 Accessibility 2000+ users

Offers in-app purchases

## Other possibilities ...

### Bookmarking

Highlighting

Note-taking

Text-to-speech

Dictionary

• • •

## Affordances of e-Reading: A summary

Easy access to large amounts of reading materials

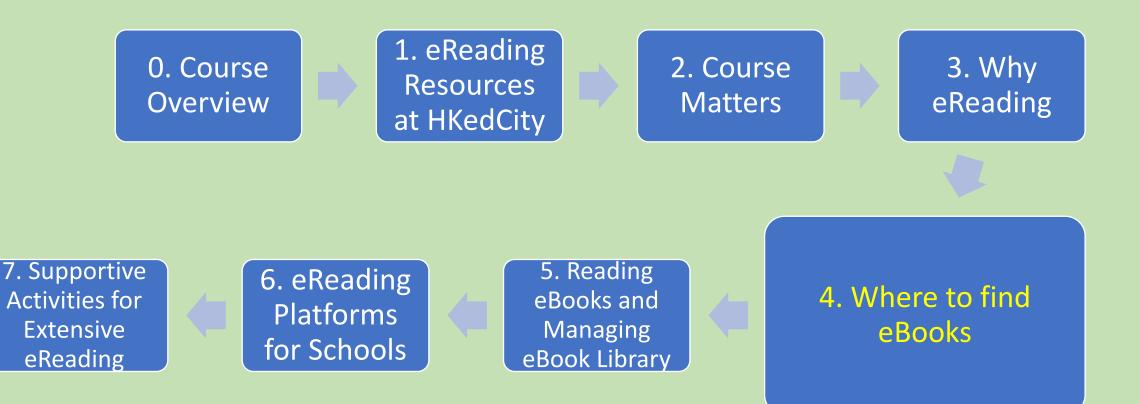
Rich functionality of e-Reading devices

Support by other edtech functions E-Reading can be done almost any time, anywhere

## Activity 2

### • TO TRY OUT SOME TOOLS THAT SUPPORT E-READING

## Session 1 Rundown



## WHERE TO FIND E-BOOKS

1. Special collections and recommended reading lists

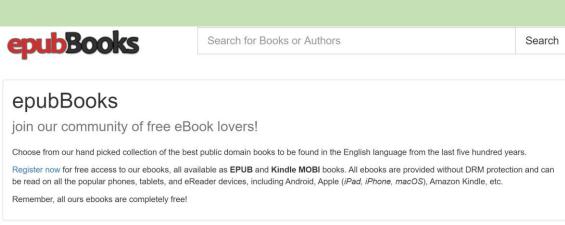
2. eBooks from libraries and eBook providers

3. Searching for, and downloading, eBooks

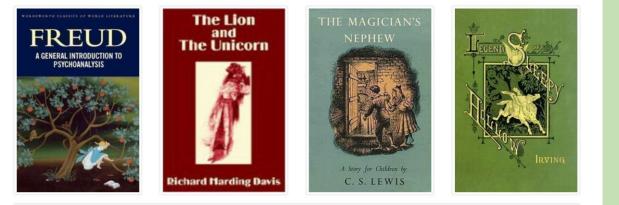
## 1. Special collections and recommended reading lists

- ePub Books: <u>https://www.epubbooks.com/</u>
- Free eBooks: <u>https://www.free-ebooks.net/</u>
- Kids World Fun: <a href="https://www.kidsworldfun.com/ebooks.php">https://www.kidsworldfun.com/ebooks.php</a>
- Free Kids' Books Young adults: <u>https://freekidsbooks.org/young\_adult/</u>
- Google Lit Trips: <u>http://www.googlelittrips.org/gltStore/gltStore.php</u>
- Naxos Spoken Word Library: <u>https://www.hkpl.gov.hk/en/e-resources/highlights/2015/sep/nsw-library.html</u>
- HKedCITY

### ePub books https://www.epubbooks.com/



#### Featured Books of the Week



#### New eBook Releases



#### Last Tales Isak Dinesen

Last Tales is a collection of twelve of the last tales that Isak Dinesen wrote before her death in 1962. They include seven tales from Albondocani, a pr...view book »

#### The Regyr Return C. S. Forester

June 1808, somewhere west of Nicaragua-a site suitable for spectacular sea battles. The Admiralty has ordered Captain Horatio Hornblower, now in command...view book »

## Free Ebooks

### https://www.free-ebooks.net/

Thousands Of FREE Books		Re	ad Five Book	s Free!
Whenever & Wherever You	Like!		member of Free-Ebook	
The AWESOME Power Of Knowledge, Right At Your Fit Discover the rising stars of the writing world, & Give yourse of the best books you can find.	download five free books every month. Email I'm an author			
<ul> <li>Fiction</li> <li>Sci-Fi</li> <li>Non Fiction</li> <li>Self Help</li> <li>Romance</li> <li>Business</li> </ul>			I want Free Book	
And SO Much More.	Already a member? Login here			
Take a moment right now and find a book you'll love!			uires a valid email address. \ ow others access to your priv	
Featured eBooks			→ Share the	love of books.
Grosvenor Lane Ghost by Jeremy Tyrrell in	SYCHODICK	Psychodick by Bryan Murphy in Drama		One Precious Moment

## https://www.kidsworldfun.com/ebooks.php



A PORTAL FOR KIDS, PARENTS & TEACHERS

#### Reading

Ро	0	$\mathbf{n}$	
-0	e		

Short Stories

Magazines

e-Books

Children's Books

Quotes for Kids



#### Free eBooks for Kids



#### eBooks

Looking eBooks for your kids? We have the best collection of free *animated eBooks* will undout These online eBooks touch various subjects and promise to make your child's learning experier read and download your favourite eBooks for free.

## Free Kids' Books – Young adults

https://freekidsbooks.org/young\_adult/





### Who Will Save the Planet – An adventure in climate change activism

Peter McLennan

### f 7 in 6 s

Categories: Adventure, Age 10-13 years, Age years 13+, All FKB Books, Conservation, Creative Commons, FKB Make a Difference, Fluent English, Grade 7+, Peter McLennan, Young Adult

In Who Will Save the Planet, fourteen-year-old Jason can't work out how to get climate change fixed—until he saves the life of the mysterious and powerful Graham. Graham promises a reward, and Jason asks him to do something to stop climate change. The request is caught by the media, so Jason thinks the man's trapped ...

## Google Lit Trips

http://www.googlelittrips.org/gltStore/gltStore.php



### Google Lit Trips READING THE WORLD

501(c)(3) educational nonprofit

WELCOME • HOME About Google Lit Trips Developers & Contributors Member Registration Support GLT Volunteer

LIT TRIP LIBRARY Getting Started Alphabetical Titles Grades K – 5 Titles Grades 6 – 8 Titles Grades 9 – 12 Titles Higher Education Titles Our Own Stories Literary Locations

GLT STORE Request a Lit Trip Conference Materials Promote Your Event 0

ENHANCED BY Google

#### .

#### Lit Trip Library

Request access to specific Google Lit Trips in the GLT Store .

#### Grades 9–12 Titles

#### Anne Frank: The Diary of a Young Girl by Anne Frank



In 1942, with Nazis occupying Holland, a thirteen-year-old Jewish girl and her family fled their home in Amsterdam and went into hiding. In her diary Anne Frank recorded vivid impressions of her experiences. By turns thoughtful, moving, and amusing, her account offers a fascinating commentary on human courage and frailty and a compelling self-portrait of a sensitive and spirited young woman whose promise was tragically cut short. – **Goodreads** 

#### THE DIARY A Collaboration with Educator Developer Anne Brusca

-

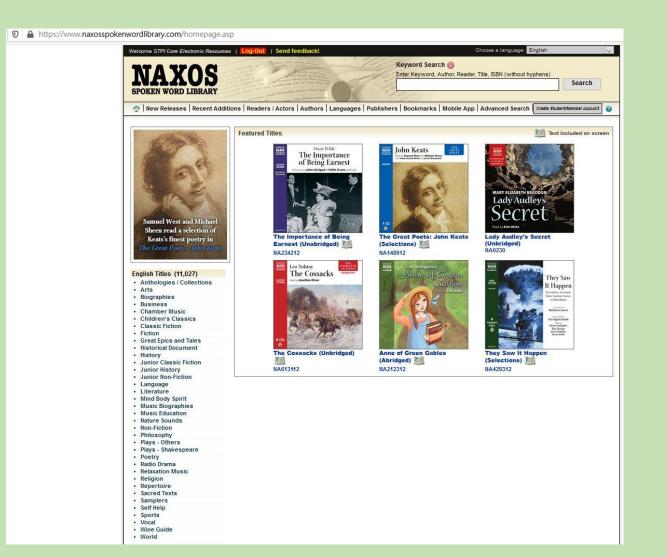
YOUNG GIRL Librarian, New Hyde Park Memorial High School, New Hyde Park, NY. Anne is a

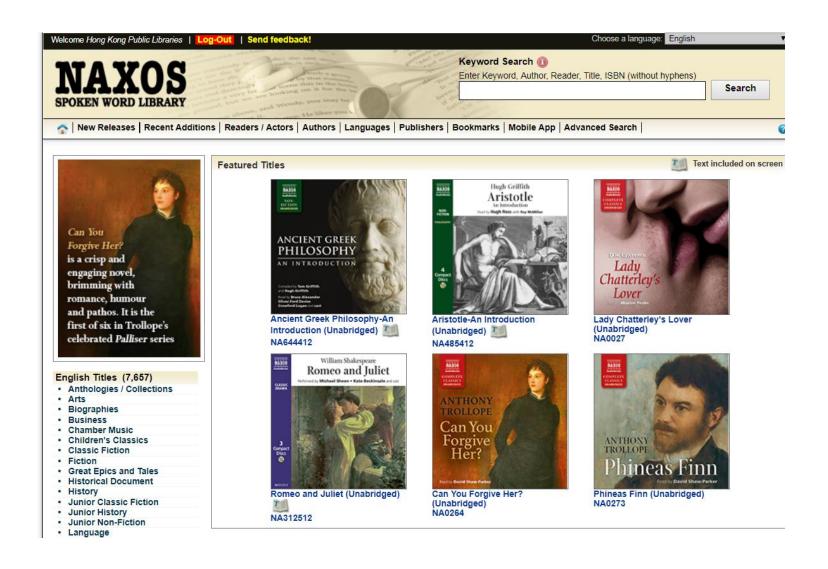
lifelong learner at heart. She holds a B.A. in English, a Masters in Library Science and in Educational Technology, and a law degree. She started her new career in the Herricks U.F.S.D. in New York as an elementary library media specialist in a K-5 school in 2008, before moving to New Hyde Park Memorial High School, a 7-12 school in the Sewanhaka C.H.S.D., in 2011. She is excited to share the fun, creativity and learning possibilities of Google Lit Trips with her students and colleagues.



## Naxos Spoken Word Library

https://www.hkpl.gov.hk/en/e-resources/highlights/2015/sep/nsw-library.html





https://hkpl-naxosspokenwordlibrarycom.ezproxy.hkpl.gov.hk/homepage.asp

# Text on screen

A DE LA SUE CONTRACTOR DE LA S		Alcott, Louisa May Little Women Ross, Liza Naxos AudioBooks 00:03 E () () () () () () () () () () () () ()	06:24			
Font size: <b>Font size:</b>						

TIONARY

"It's so dreadful to be poor!" sighed Meg, looking down at her old dress.

"I don't think it's fair for some girls to have plenty of pretty things, and other girls nothing at all," added little Amy, with an injured sniff.

"We've got Father and Mother, and each other," said Beth contentedly from her corner.

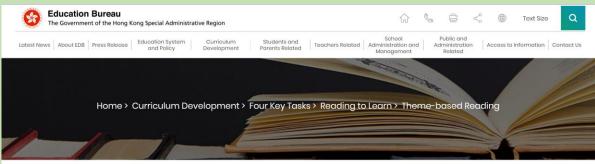
The four young faces on which the firelight shone brightened at the cheerful words, but darkened again as Jo said sadly, "We haven't got Father, and shall not have him for a long time." She didn't say "perhaps never," but each silently added it, thinking of Father far away, where the fighting was.

As young readers like to know `how people look', we will take this moment to give them a little sketch of the four sisters, who sat knitting away in the twilight, while the December snow fell quietly without, and the fire crackled cheerfully within.

Margaret, the eldest of the four, was sixteen, and very pretty, being plump and fair, with large eves.

### **EDB: Theme-based Reading**

https://www.edb.gov.hk/tc/curriculum-development/4-key-tasks/reading-to-learn/contribution-of-booktitles/index.html



#### **Theme-based Reading**

#### Suggested Book Lists

To facilitate the promotion of reading in schools, the Education Bureau suggests related book lists of theme-based reading for reference by kindergartens, primary and secondary schools as appropriate.

The themes suggested for the 2018/19 school year are as follows:

Chinese history and culture							
Kindergartens	Primary schools	<u>Secondary</u> schools					
Healthy Living							
Kindergartens	Primary schools	<u>Secondary</u> <u>schools</u>					
Moral Education	Moral Education						
Kindergartens	Primary schools	Secondary schools					
Nature and Living (applicable to k							
Kindergartens							
Science, Technology, Engineering primary and secondary schools)							
	<u>Secondary</u> <u>schools</u>						

## https://www.edb.gov.hk/attachment/en/curriculum-development/4-key-tasks/reading-to-learn/Suggested-Book-Lists/2019/STEM%20Education\_Secondary.pdf

#### Suggested Theme-based Book List For Secondary Schools 主題閱讀 中學建議書目

Theme: STEM Education 主題:科學、科技、工程及數學教育

		Book Title 🐐 🛙	Author 作者	Publisher 出版社	ISBN 國際標準書號	Print / Electronic 印刷/電子版	Description 萬介	HK Public Library Catalogue 香港公共 <b>要書信日錄</b>
8	9 Ex	roject Origami: Activities for xploring Mathematics, Second dition	Thomas Hull	A K Peters/CRC Press	9781466567917	P	This book helps readers see how origami intersects a variety of mathematical topics, from the realm of geometry to the fields of algebra, number theory, and combinatorics. The book includes 30 activities and offers sound solutions and teaching tips for all activities. Making use of the suggestions in the book, mathematics teachers can incorporate origami into their lessons in an interesting way.	N/A
5	0 Sci Cu	eeret Language of Color: cience, Nature, History, ulture, Beauty of Red, Orange, ellow, Green, Blue, & Violet	Joann Eckstut, Arielle Eckstut	Black Dog & Leventhal	9781579129491	Р	This book explains scientifically our perception of colour, the nature of rainbows, and the colour vision of animals far superior or inferior to that of humans. It also examines the roles of colours in different cultures, their associations with emotions, how our language influences the colours we see, and much more.	N/A
5	I Po	ound Design: The Expressive ower of Music, Voice and ound Effects in Cinema	David Sonnenschein	Michael Wiese Productions	9780941188265		It is a user-friendly knowledge book with step-by-step instructions that help develop the story and characters, and create emotion in films through the skilful use of the sound track.	https://webcat.hkpl.gov.hk/lib/item?id=chamo:3340116
5	2 An Te	TEM Project-Based Learning n integrated Science, echnology, Engineering and lathematics (STEM) Approach	Robert M Capraro, Mary M Capraro, James Morgan	Sense Publishers	9789462091412	P	This second edition of Project-Based Learning (PBL) presents an original approach to Science, Technology, Engineering and Mathematics (STEM) centric PBL. This book was designed for secondary teachers who want to improve engagement and provide contextualised learning for their students. This new edition covers STEM PBL, including implementing STEM PBL with English Language Learners and the use of technology in PBL.	N/A
5		teve Jobs : insanely great : a raphic biography	Jessie Hartland	Virgin Books	9780753557020		Told through a combination of black-and-white illustrations and handwritten text, this entertaining biography in graphic format presents the story of Steve Jobs, one of the greatest entrepreneurs in history. He exemplified the essential qualities an inventor and entrepreneur needs.	https://webcat.hkpl.gov.hk/lib/item?id=chamo:3387850
5		uper Cool Tech: Technology, wention, Innovation	Ian Graham	DK Children	9781465452054	Р	Revealing the secrets behind the latest gadgets and technologies, the book makes technology easy to understand. It also explores the amazing possibilities of the future, such as a flying car and teleportation. Each technology is explained in detail, via crisp images and engaging descriptions.	https://webcat.hkpl.gov.hk/lib/item?id=chamo:3521684
5	95 Th	he Art of Tinkering	Karen Wilkinson	Weldon Owen	9781616286095	Р	The book showcases over 100 makers working at the intersection of art, science and technology. It is a collection of exhibits, projects and stories that celebrate a whole new way to learn, in which people create their own knowledge through making and doing, working with readily available materials and solving problems. It explains what it means to tinker and the spirit to explore, and it serves a great tie-in to learning about STEM.	

92	STEM Project-Based Learning An integrated Science, Technology, Engineering and Mathematics (STEM) Approach	Robert M Capraro, Mary M Capraro, James Morgan	Sense Publishers
93	Steve Jobs : insanely great : a graphic biography	Jessie Hartland	Virgin Books

## Related EDB circulars

- Recommended Reading lists (4 areas, including STEM), from EDB:
- <u>https://applications.edb.gov.hk/circular/upload/EDBCM/EDBCM20082E.pdf</u>
- Free use of e-Read Scheme for 6 months
- <u>https://applications.edb.gov.hk/circular/upload/EDBCM/EDBCM20082E.pdf</u>
- Summer Reading Programme "Gift Book Pilot Scheme (2020)" and Free Use of "eRead Scheme
- <u>https://applications.edb.gov.hk/circular/upload/EDBCM/EDBCM20082E.pdf</u>

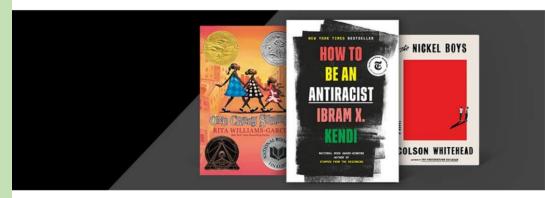
## 2. eBooks from libraries and eBook providers

- Libraries
  - Public libraries, e.g., Library of Congress; HKPL
  - University libraries
- eBook Providers, e.g.,
  - Kindle: <u>https://www.amazon.com/</u>
  - Gutenberg: <a href="https://www.gutenberg.org/">https://www.gutenberg.org/</a>
  - Google Play Books: <u>https://play.google.com/store/books?hl=en</u>
  - Kobo ebooks: <u>http://www.kobo.com/us/en/ebooks</u>

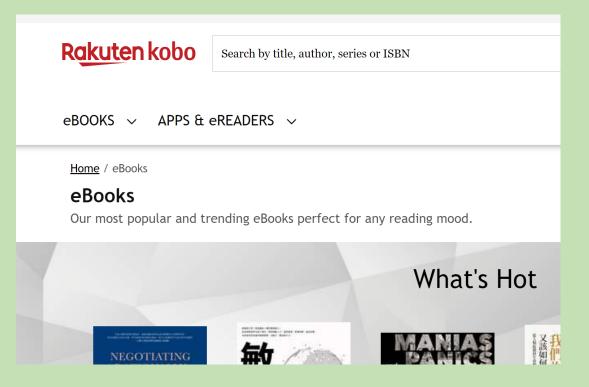
## E-book stores

### https://www.amazon.com/KindleeBooks/b?ie=UTF8&node=154606011

#### Kindle Books



### https://www.kobo.com/us/en/ebooks



## https://www.gutenberg.org/

### Free eBooks - Project Gutenberg

Book search · Book categories · Browse catalog · Mobile site · Report errors · Terms of use

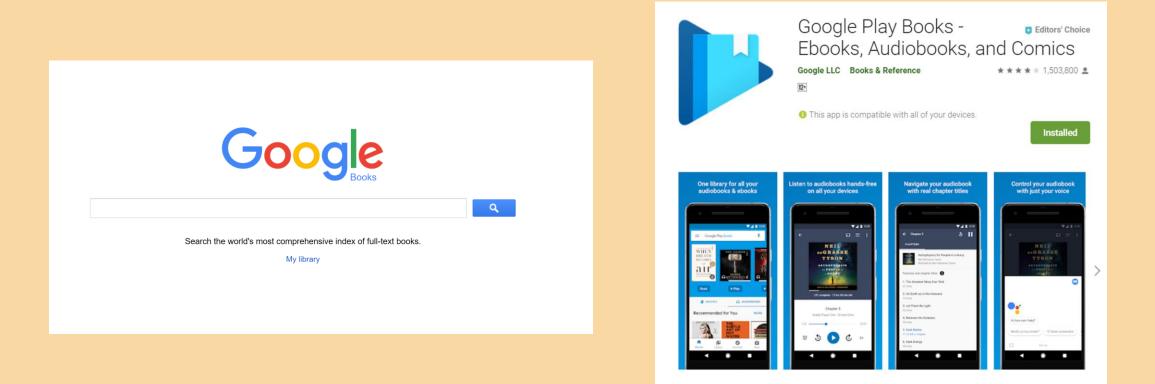
#### Some of the Latest eBooks



#### Welcome

**Project Gutenberg** offers over 58,000 free eBooks. Choose among free epub and Kindle eBook literature here, with focus on older works for which U.S. copyright has expired. Thousands of vc and education.

### **Google books vs Google Play Books**



Centre for Learning Sciences and Technologies (CLST) The Chinese University of Hong Kong



## Activity 3

#### Getting acquainted with eBook special collections





### WHERE TO FIND E-BOOKS

1. Special collections and recommended reading lists

2. eBooks from libraries and eBook providers

3. Searching for, and downloading, eBooks

### E-Book Resources in Hong Kong Public Libraries

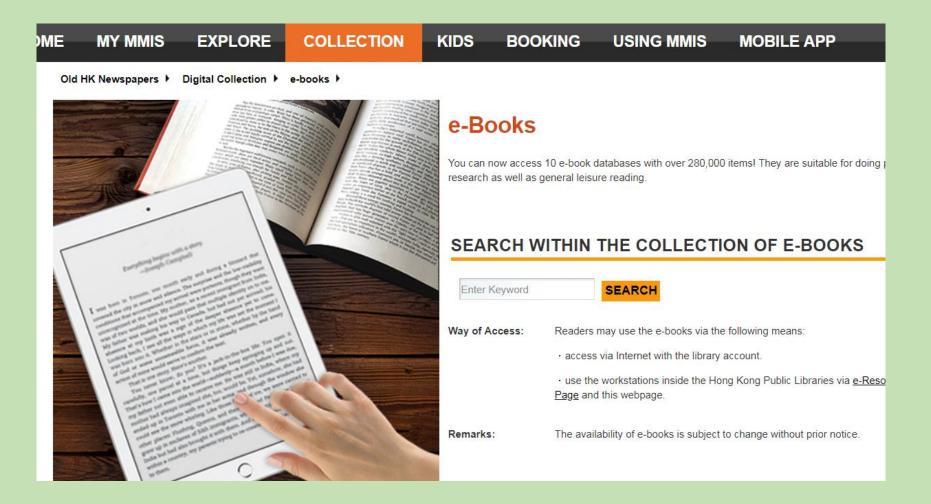


## https://www.hkpl.gov.hk/en/e-resources/ebooks/home



Readers may use the e-books via the following means:

### English E-Books in Hong Kong Public Libraries https://mmis.hkpl.gov.hk/web/guest/e-books



#### 4 e-Book databases for English

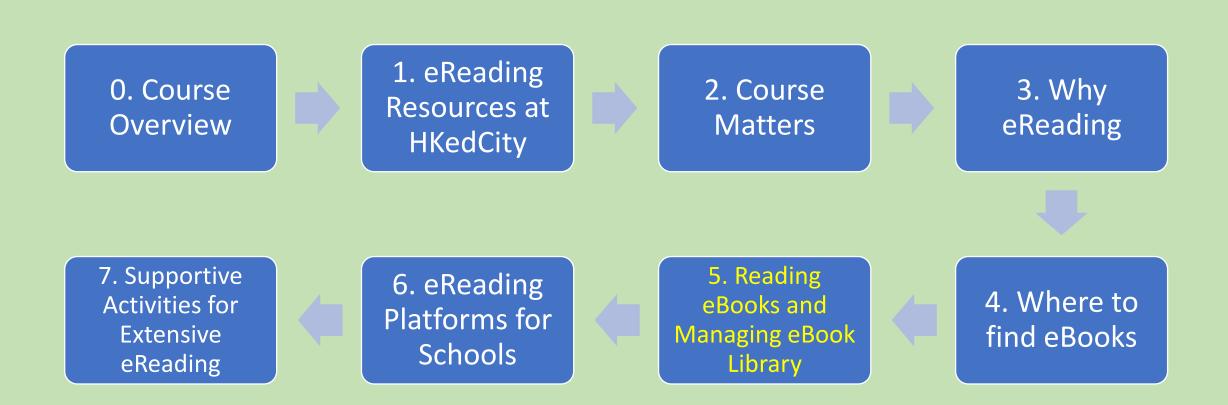


### HKPL ebooks: an example

https://www.hkpl.gov.hk/en/e-resources/overview-of-ebook-collections.html



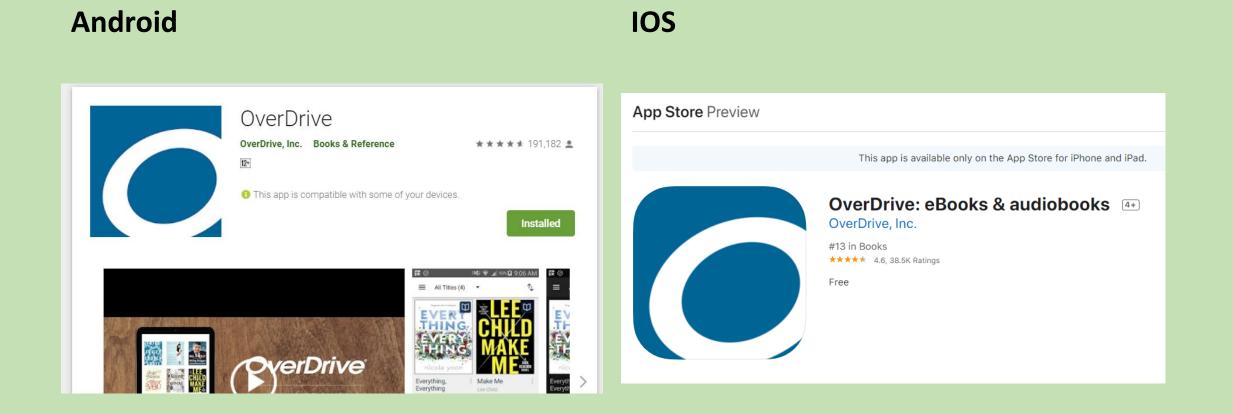
### Session 1 Rundown



# **READING and MANAGING eBooks**

- Devices for reading eBooks: Kindle, tablets, mobile phones, desktop computers, etc
- Formats of eBooks: PDF, ePub, Mobi, ....
- ePub as a common eBook format
- Adobe Digital Editions as a common eReading app
  - Reading epub books on mobile devices
  - Reading epub books on desktop computers
- Using CALIBRE for managing one's eBook library

# **OVERDRIVE**: the one-stop app for searching, downloading, and reading ebooks from HKPL



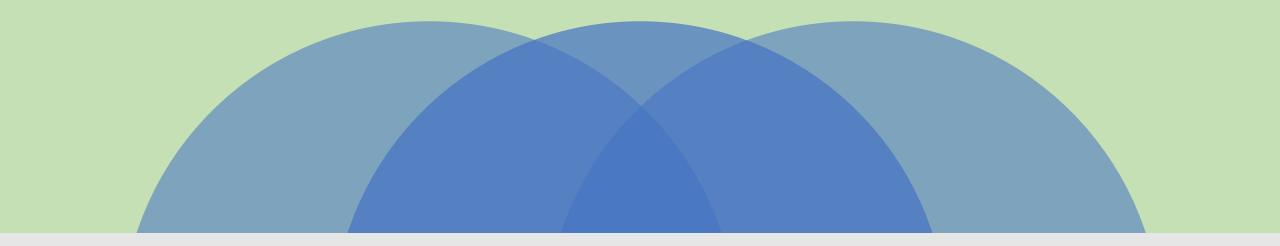
### Adobe Digital Editions

https://www.adobe.com/solutions/ebook/digital-editions.html

Optimize your reading experience with the best eBook reader across formats.

### https://calibre-ebook.com/



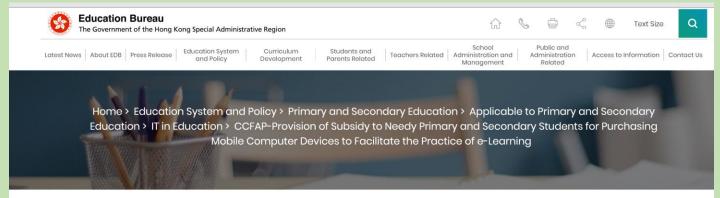


### What about disadvantaged students?



# Helping needy students to obtain e-Reading devices

https://www.edb.gov.hk/en/edu-system/primary-secondary/applicable-to-primary-secondary/it-in-edu/ITE-CCF/ccf\_index.html



Community Care Fund Assistance Programme -Provision of Subsidy to Needy Primary and Secondary Students for Purchasing Mobile Computer Devices to Facilitate the Practice of e-Learning

Home | What's New | Forms & References | Professional Development Programmes | FAQ

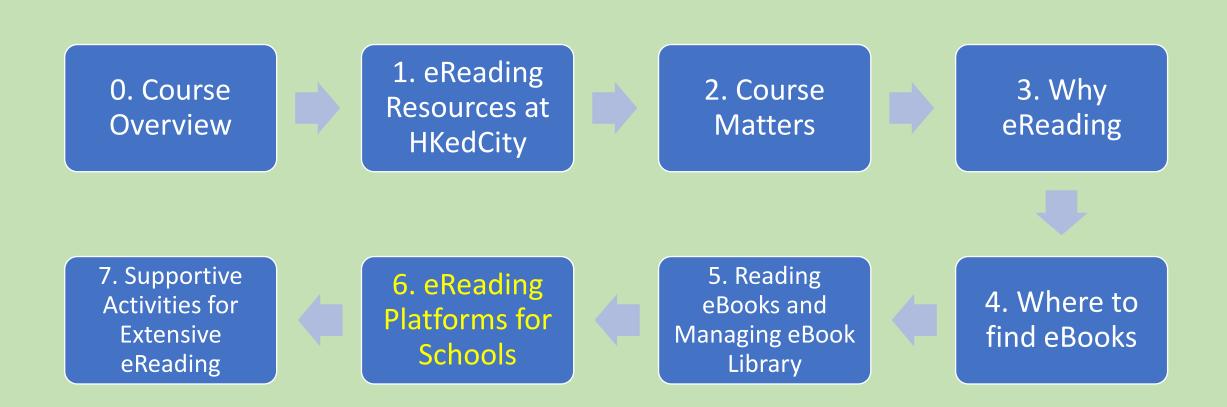
#### **Background and Objectives**

The Education Bureau (EDB) has launched the Fourth Strategy on IT in Education in the 2015/16 school year and established WiFi campus for all public schools to facilitate e-learning through the use of mobile computer devices. A number of schools have adopted the "Brina Your Own Device" (BYOD) policy to

# Activity 4

ACTIVITY 4: ACCESSING E-BOOKS AND MANAGING YOUR E-BOOK LIBRARY

### Session 1 Rundown



### **E-Reading Platforms for Schools**

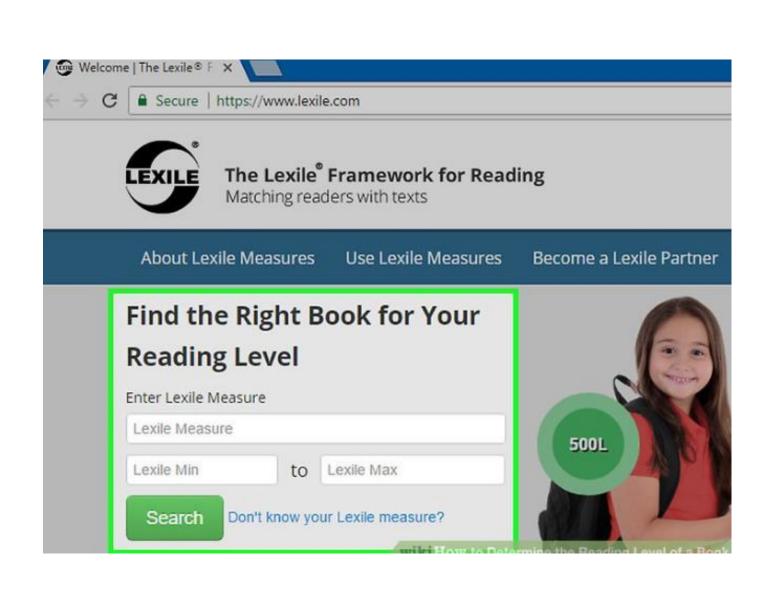








### The *Lexile* as an indicator of reading level

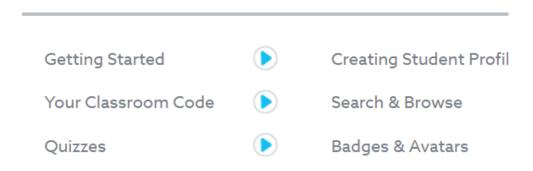


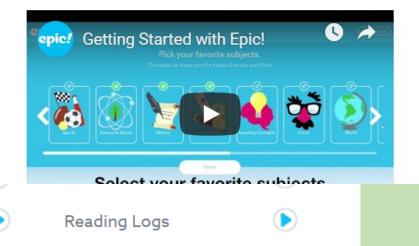
### Example 1: EPIC https://www.getepic.com/

#### **Educator Resources**

#### Get the most out of Epic!—in the classroom and beyond

#### **VIDEO TUTORIALS**





Sample Page from All about Robots (Grade 7+) in EPIC Believe it or not, all of these robots already exist! Some of them are not yet widely available. But they will likely be more common in the future.

Robots are machines that are used to do tasks. The study of robots is called robotics. The scientists who make robots are called roboticists.

Robots come in many shapes and sizes. Most are made of metal and plastic. They have movable parts and follow commands. Some can sense things around them. Robots usually have at least one arm. Some robots are microscopic. Scientists are testing **nanobots** that are small enough to go inside the body.



In the future, nanobots may be the size of cells.

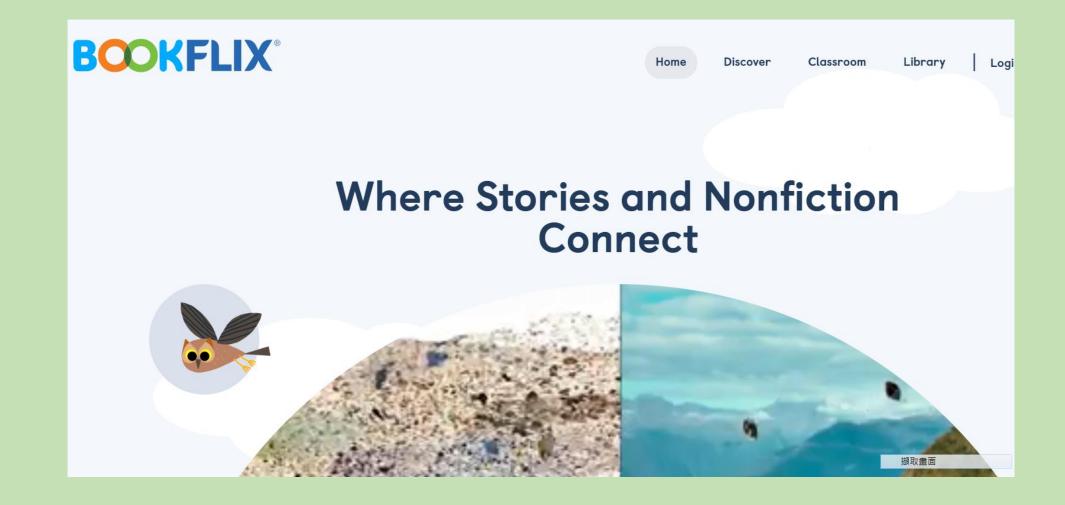
These tiny robots can find problems and fix them.

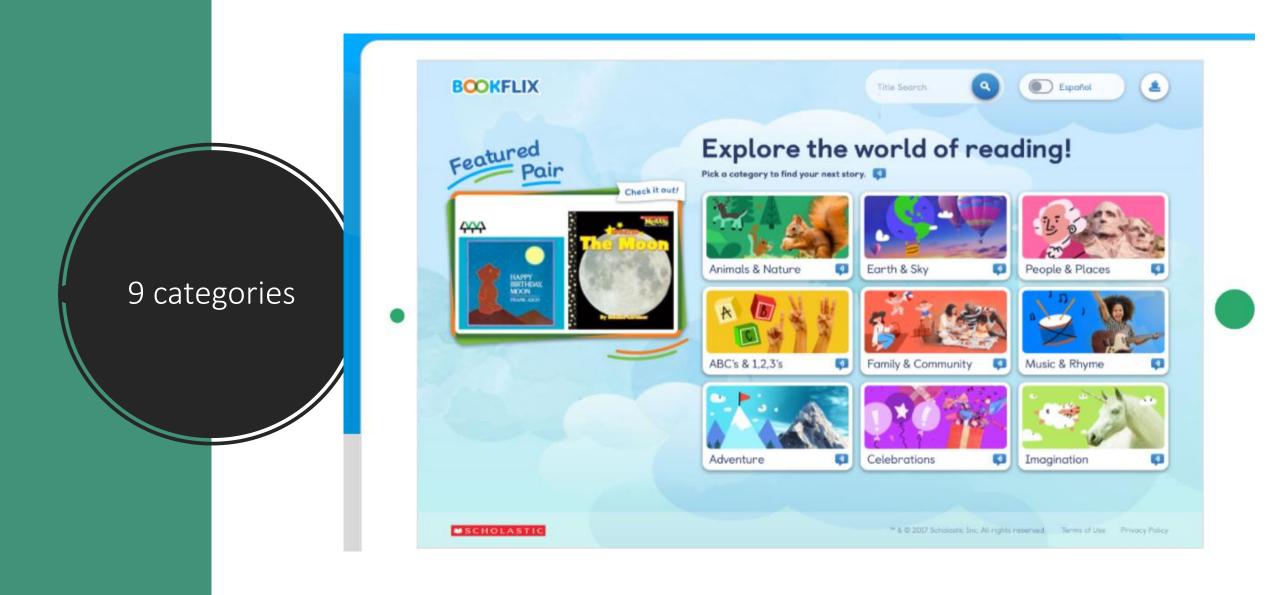
People have been building robot-like machines for thousands of years. Around 350 BCE, a Greek named Archytas of Tarentum created the first automaton, or machine that could move by itself. Archytas's wooden bird could fly hundreds of feet into the air.

擷取聿面

### Example 2: *Bookflix*

http://teacher.scholastic.com/products/bookflix/#/





Feature: Paired Texts: Animated audio eBook(for viewing) + Nonfiction eBook (for reading)



## http://teacher.scholastic.com/products/bookf lix/#/discover



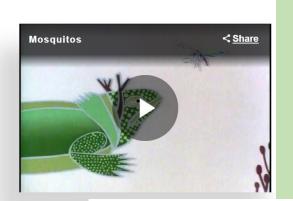
Watch The Story

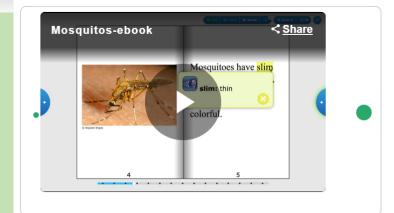
#### Where Stories Come Alive

Each Weston Woods storybook is brought to life through compelling narrators and delightful animations that ignite imaginations and pave the way for readers to begin a journey of deeper discovery.



Featuring well-known narrators like James Earl Jones





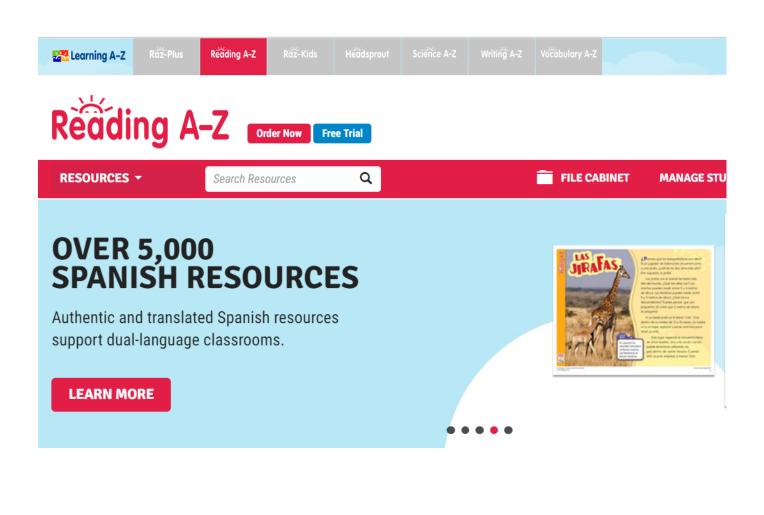


#### **Engaging and Authentic eBooks**

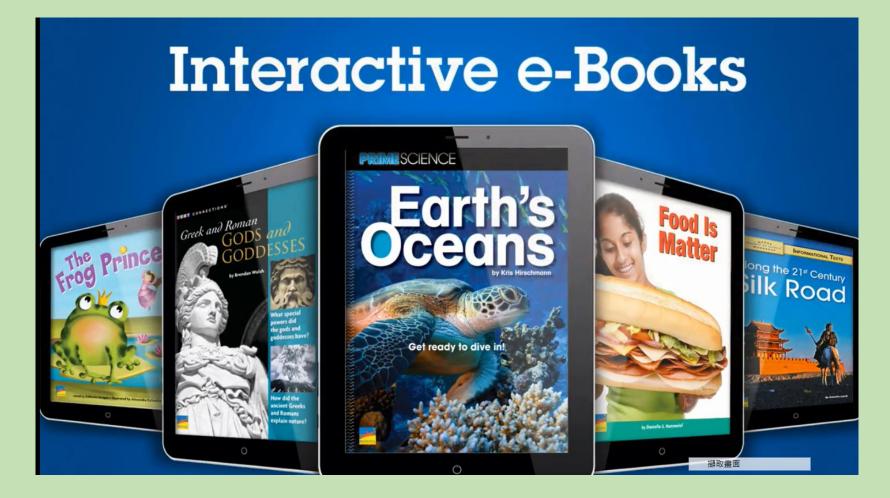
Authentic nonfiction texts with embedded reading support tools, including a natural voice read-aloud with word highlighting and vocabulary hinting, guide students through complex or unfamiliar concepts while building skills and confidence.

## Example 3: Reading A-Z

https://www.readinga-z.com



# Affordances of e-Reading: other examples: <a href="https://fast.wistia.com/embed/medias/6bb6718ony">https://fast.wistia.com/embed/medias/6bb6718ony</a>



What e-Reading Platforms can do: A summary Deciding on students' entry reading level

While-reading/Post-reading Quizzes

Instant vocabulary help

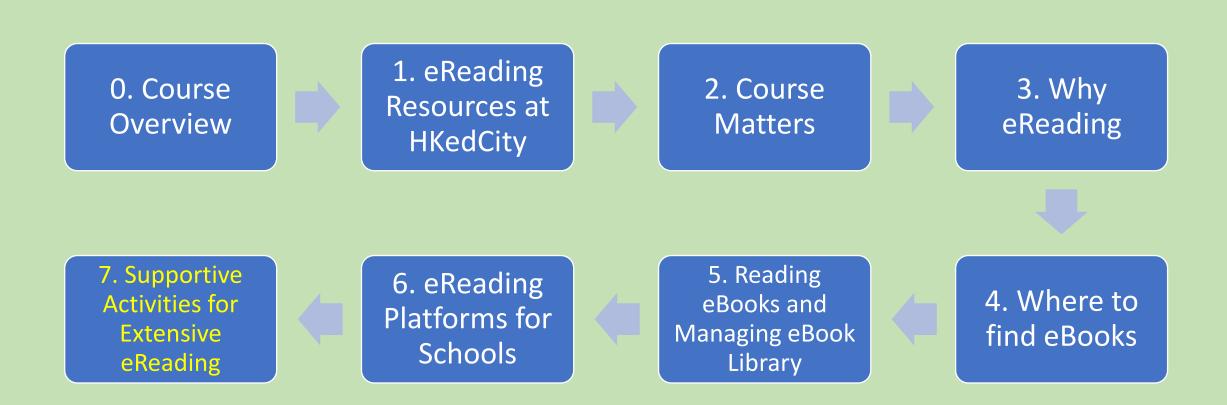
Text-to-speech function

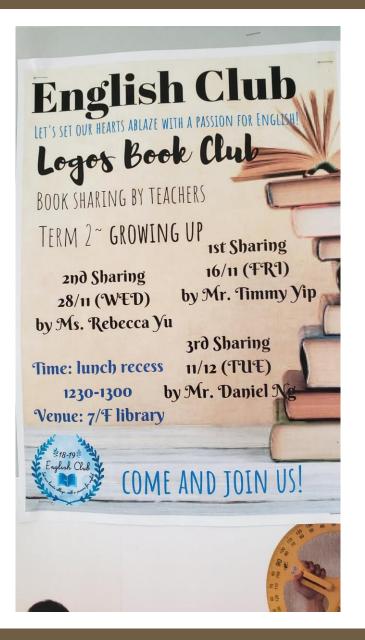
A management system for monitoring students' reading progress

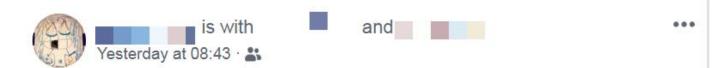
# Activity 5

**Exploring Extensive e-Reading Platforms** 

### Session 1 Rundown







We made our school library a Reading cafe yesterday.



### **Reading Battle**

#### Reading Battle 閱讀大挑戰

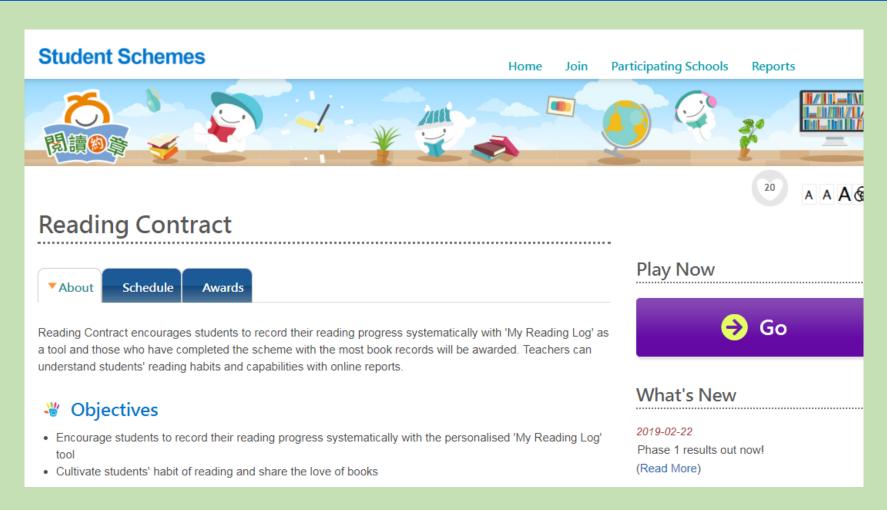


RESOURCES	LANGUAGE
QEF website	🚟 English
<ul> <li>Project wiki workspace (access limited to participating schools)</li> </ul>	● 繁体中文
<ul> <li>Chrome installation guide for students</li> </ul>	
<ul> <li>Book list (updated 4 Dec 2018)</li> </ul>	
<ul> <li>System demo for teachers:</li> </ul>	Q. To search type and hit enter
Cantonese	
English	
<ul> <li>Mandarin</li> </ul>	RECENT POSTS
System demo for students :	<ul> <li>Register for Project Dissemini</li> </ul>
<ul> <li>Reading Battle (Cantonese)</li> </ul>	Event
<ul> <li>Reading Battle (English)</li> </ul>	We are now recruiting school
<ul> <li>Worm Catcher (Cantonese)</li> </ul>	o we are now rectaining school
- Worm Catcher (English)	
Case sharing from parent/student	GO TO READING BATTLE

http://battle.cite.hku.hk/project-resources/

### Reading Contract

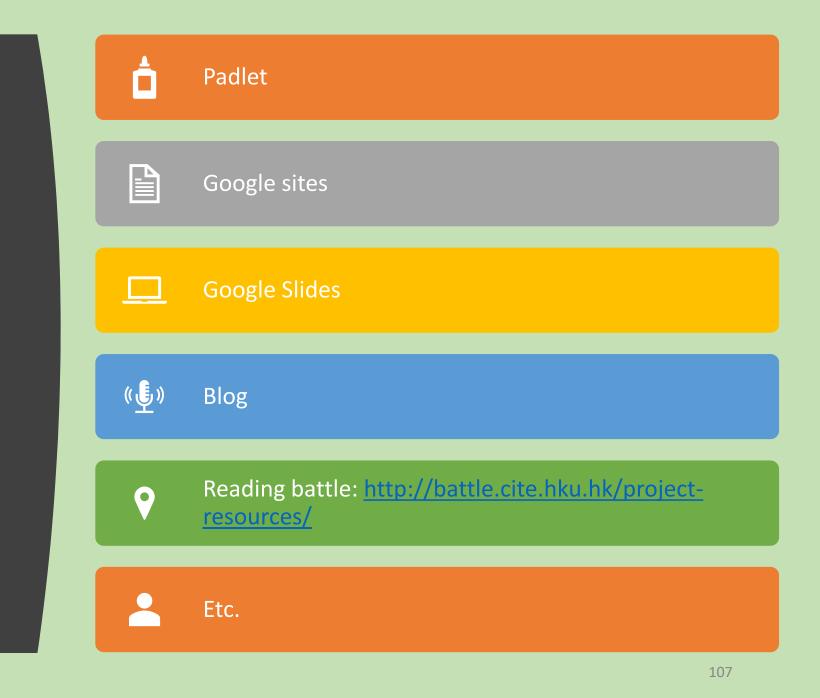
https://www.hkedcity.net/studentscheme/en/readingcontract





Look for Creative Ways for students to share their readings: e.g. Multimodal Book Reports

Possible ideas for promoting extensive e-Reading among students





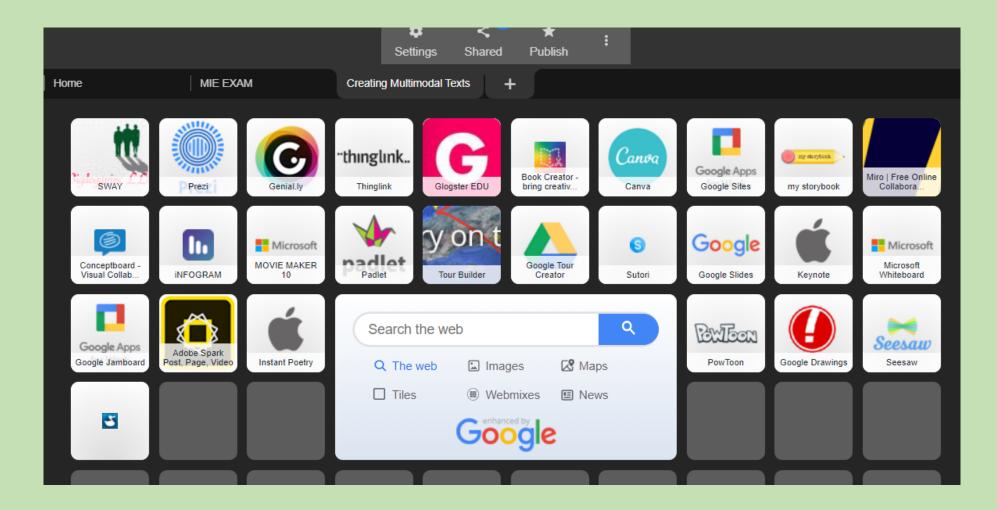
#### **Multimodal Book Reports**

Examples of multimodal book re	ports
Change layout 🗸	Easy reorder mode
Biography Jus Bern Garry adles kinds aper Malage for use of fairs adles kinds addees address adl digrartes	Book Report CHARLOTTE'S WEI by ER Whan Ist

### Activity 6: Browse

examples of multimodal book reports <u>https://wakelet.com/wake/o</u> <u>TCXHhJsr6djIz5elMEms</u>

### Links for creating multimodal texts



## Final Task Submit your completed assignment to the Whatsapp group.

## END OF SESSION 1

