

Educational Technology Tools for Teaching and Learning

Introduction

This aim of this document is to highlight educational tools for online teaching and learning.

Instructions

Look up the first letter of your intended purpose (for example, if you wish to find out which tools aid in Discussion, you would go to the “D” section) and cross reference it with the tools available. Links have been provided to both in-house tools supported by IITS, as well as third party tools. The more commonly utilized tools in SMU are **highlighted** for your ease of reference.

Links

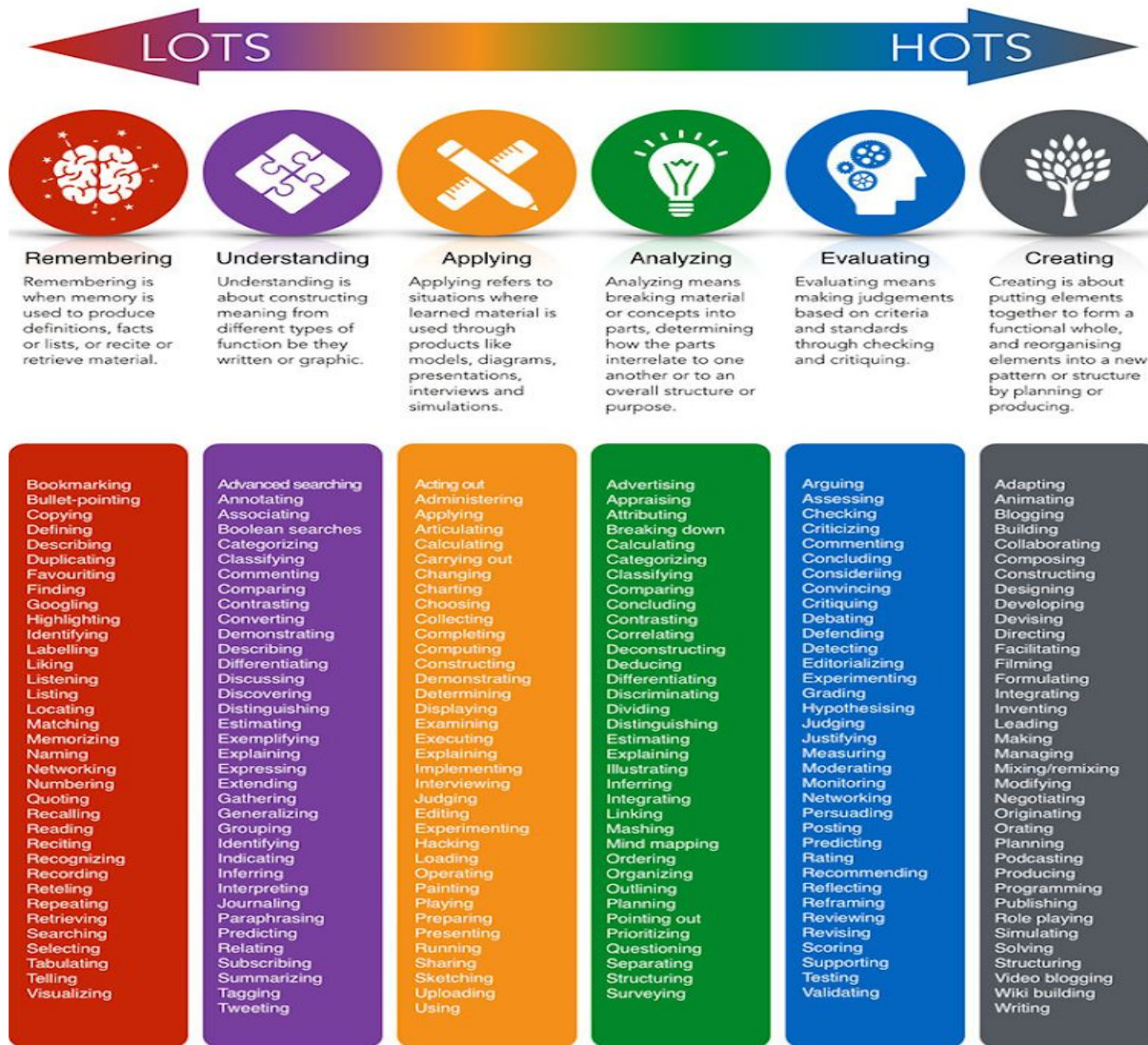
[A](#) [B](#) [C](#) [D](#) [E](#) [F](#) [G](#) [H](#) [I](#) [J](#) [K](#) [L](#) [M](#) [N](#) [O](#) [P](#) [Q](#) [R](#) [S](#) [T](#) [U](#) [V](#) [W](#) [X](#) [Y](#) [Z](#)

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Links to 3rd Party Tools used by other institutions

<https://learn.nie.edu.sg/etoolsNIE/>

For inquiries, please contact Mr. Bernie Koh, Senior Manager, Centre for Teaching Excellence, Singapore Management University.



http://www.personal.psu.edu/ryt1/blogs/totos_tidbits/files/digitalbloom.pdf

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swi

PURPOSE	TOOLS (Overview Video Link)	EXAMPLES OF USE (Faculty interview)	Evidence of Impact on Student Learning Outcomes
A			
Adaptive Learning	Smart Sparrow http://y2u.be/A1oLmPAFcA4		
Animation	Goanimate http://y2u.be/2JGZYBGfEik Sparkol Videoscribe http://y2u.be/tK0qhy3Np_Q Powtoons http://y2u.be/XokhlijAAI0 Truscribe (Text-to-Animation) http://y2u.be/3lfldT-MXxE	Using Goanimate to illustrate Case Based examples. Using Goanimate as Group Work - Students animating key learning points. Rubric for Goanimate Faculty response on the use of Goanimate	Reports on Goanimate (SMU Access Required)
Assessment	Flipgrid http://y2u.be/_A-pbE9qXD4 Socratives http://y2u.be/1wkDwbWM_YQ		
Augmented	Zapcode		

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Reality Creator	http://y2u.be/0J2ailKkekY Layar http://y2u.be/wi80g9WJvmw		
B			
Bulletin Board	Padlet http://y2u.be/U3P5QySmLeU Linoit http://y2u.be/Nu5CRDB31wE		
C			
Creating Content (Video)	Echo 360 http://y2u.be/uID-9GO3G0E Camtasia http://y2u.be/UGzYeh5lp54 Ted Ed (Quiz, Discussion) http://y2u.be/TPPbAcY9s-M Blubbr (Quiz) http://y2u.be/bctFrPii8bM Vialogue (Discussion/Survey) http://y2u.be/yJiHiHy0JI0		

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	<p>Edpuzzle (Quiz/Discussion) http://y2u.be/iTQpvkQdQOw</p> <p>Educanon (Quiz/Lesson) http://y2u.be/7IVFK7V2nzl</p> <p>Office Mix http://y2u.be/uPif4lYra6Y</p>		
Charts	<p>Lucid Charts https://www.youtube.com/watch?v=sHk0CzKaS6Y</p>		
Collaboration	<p>Google Docs http://y2u.be/eRqUE6IHTEA</p> <p>Voicethread http://y2u.be/cujQl9PeaYg</p> <p>Titanpad http://y2u.be/bITWMPG9a_4</p>		
D			
Discussions Forum	<p>Elearn Discussion Forum</p> <p>Google Groups http://y2u.be/g75Ben-z6jk</p>		

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E			
E-Portfolio	Elearn E-Portfolio Tool Google Site http://y2u.be/tkTGrOcFiz0	(Kathy Takayama video on using eportfolio for transformational learning)	
Ebook	Jutoh http://y2u.be/yJ9wC2ss5Jl FlipHTML5 http://y2u.be/P_RGtvV4y4Y Flipbuilder		
Elearning Authoring	Ispring http://y2u.be/NWZIM1Qk0vc		
F			
Feedback	TEAMMATES http://y2u.be/mDtfmNmRwBM Answer Garden http://y2u.be/4sL8JDJ6vlg		
Forms	Typeform		

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	http://y2u.be/5ghyOrFDdaY		
Flashcards	Quizlet		
Font Finder	What the Font http://y2u.be/MTGualwtnLI		
G			
Gamification	Gametize http://y2u.be/bgjK4yAUIcw		Reports on Gamelead (SMU Access Required)
Games (Create your own)	Flowlab http://y2u.be/pKWWrFShLc0 Spolder http://y2u.be/xCBPgfIH0gA		
H			
I			
In-class games (create MCQ)	Kahoot http://y2u.be/PIXpKHH5kh0 Flipquiz http://y2u.be/j8eVTmm6a1w		

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Infographix	Freepik http://y2u.be/ay4OprBGEvQ Piktochart http://y2u.be/Szl9RzvnwZA	http://www.freepik.com/free-photos-vectors/infographic	
J			
K			
L			
Lesson Planning	Planboard http://y2u.be/Df5CZ2kubhQ		
Learning Environment (Similar to LMS)	Goconqr http://y2u.be/AttFpW8Xn3l		
M			
Meetings	Skype http://y2u.be/K4CVbInVWo WebEx		

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	http://y2u.be/q8lNisqbuSg		
Mindmapping	Mindomo http://y2u.be/--rhBXN04Qc Popplet http://y2u.be/CxLDsWHsQ1g Mind42 (Collaborative Mindmaps) http://y2u.be/pz2EKKnnHgQ		
N			
O			
Organizing materials	Google Drive http://y2u.be/bVyb9kirAls		
P			
Polling	PollEverywhere http://y2u.be/dT3aZ5Ph8e8 Pigeonhole http://y2u.be/n54o9jxuNbk Mentimeter http://y2u.be/CLKbr7LIGmU		

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Presentations	Prezi http://y2u.be/WsyinM0K650 Office Mix http://y2u.be/uPif4lYra6Y		
Powerpoint Web Content Embed	Liveslides http://y2u.be/vall4eyxMmM		
Puzzles	Puzzlemaker http://y2u.be/rDefTv_JYrA		
Q			
Quiz	Qzr http://y2u.be/K9Da1nK5Eh8 Video Quiz - Mediacast.smu Flipquiz - Jeopardy/gameshow style quizzes http://y2u.be/LBPsx7jCVtw	Faculty response on using QR Codes + Google Form for quizzes	
R			
S			

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Social Learning	Edmodo http://y2u.be/-n7E2iyWRG8 Facebook http://y2u.be/d0YRY1XXHWU		
Surveys	Google Forms http://y2u.be/wwf72lwPLVY Qualtrics http://y2u.be/OQUORfP4wjg Survey Monkey http://y2u.be/viZFPVnLhWQ		
Story-telling - Creation	Twine http://y2u.be/1jukyU4EK2M		
Stock Photos/Videos (Free)	<p>Free to use Stock Videos Coverr</p> <p>Free to use images Pexels Pixabay</p> <p>Free to use vectors Freepik</p> <p>Free to use icons Thenounproject</p>		

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	<p>Colour Wheel (finding compatible colours) Adobe Color Wheel</p> <p>Design Templates (Logos/Flyers/etc) Canva</p>		
Speech to Text	<p>Speechnotes http://y2u.be/aCs21PsNjNA</p> <p>Talktyper http://y2u.be/uXiKZSCUBgo</p>		
Scheduler	<p>Doodle http://y2u.be/Mh1tLSdRhxE</p>		
T			
U			
V			

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W			
Whiteboard Apps	Talkboard http://y2u.be/rfx7ritgLDw Web Whiteboard http://y2u.be/S2XTv7cTCgA		
WordCloud	Wordle http://y2u.be/ZY5SEdCaQyQ		
X			
Y			
Z			

Tips for chunking content

http://theelearningcoach.com/elearning_design/chunking-information/

<http://joelleegardner.blogspot.sg/2013/06/tips-for-chunking-instructional.html>

<http://blog.convergencetraining.com/chunk-training-materials>

<http://elearningindustry.com/4-tips-for-content-chunking-in-e-learning>

Storyboarding for Elearning

<http://elearningbrothers.com/8-steps-for-an-awesome-elearning-storyboard/>

<http://elearningindustry.com/12-tips-to-create-effective-elearning-storyboards>

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Storyboarding Templates

<http://elearningindustry.com/free-storyboard-templates-for-elearning>

<http://theelearningcoach.com/resources/storyboard-depot/>

<https://community.articulate.com/downloads/course-design/storyboards>

Other Links

[Patterns in CYOA Games](#)

Gaming/Gamification Links

Differences between Games, Game-based learning and Gamification

<http://elearninginfographics.com/games-vs-game-based-learning-vs-gamification-infographic/>

Gamification Framework

<http://yukaichou.com/gamification-examples/octalysis-complete-gamification-framework/>

Extra Credits - Youtube channel about creating games/gamification

<https://www.youtube.com/user/ExtraCreditz>

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