

整合學教評  
推動創新課堂

VIRTUAL LEARNING ENVIRONMENT



# Virtual Learning Environment (VLE)

虛擬學習環境



# The Cycle

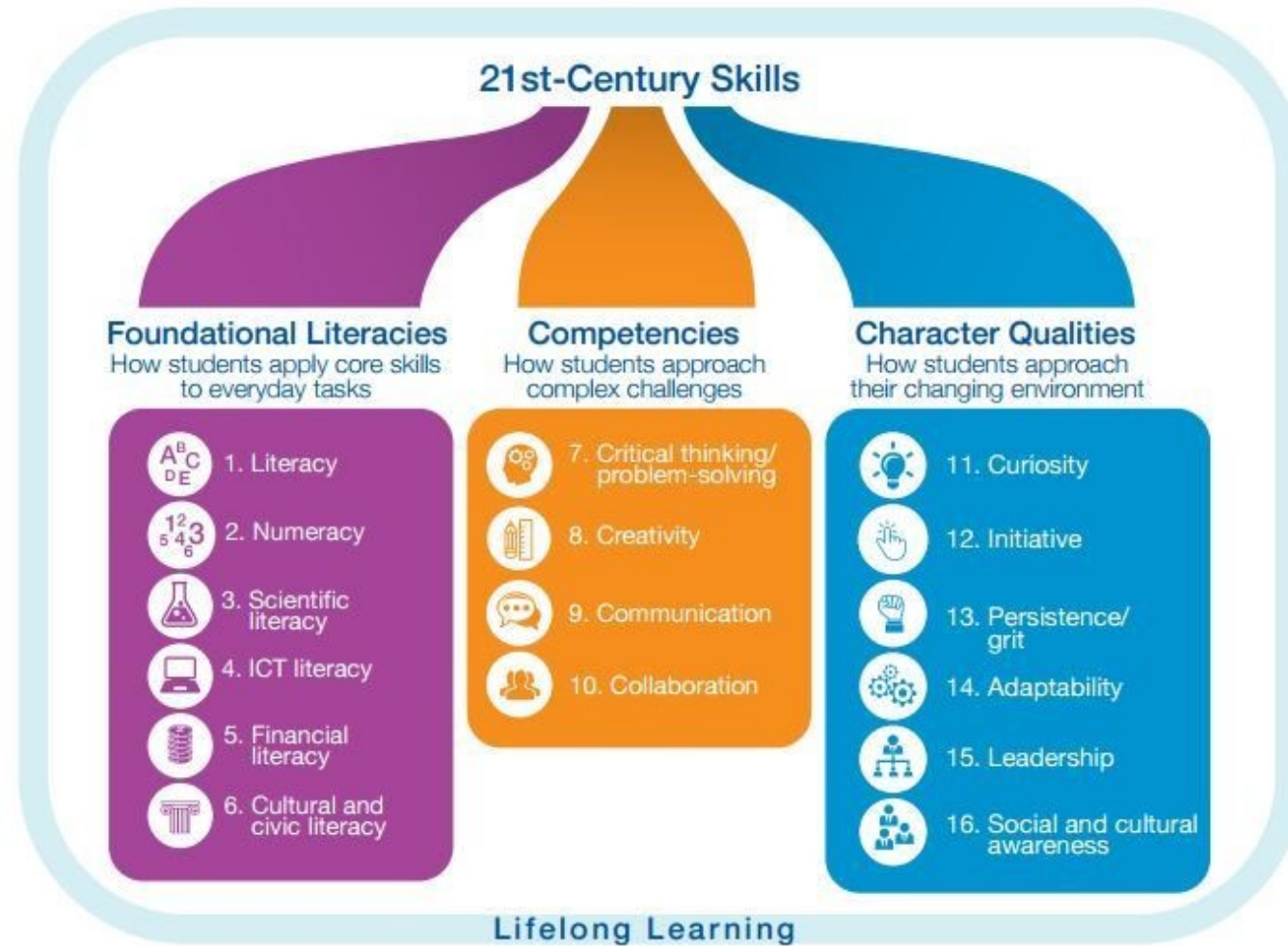
Feedback /  
Assessment

Teaching

Learning



Exhibit 1: Students require 16 skills for the 21st century

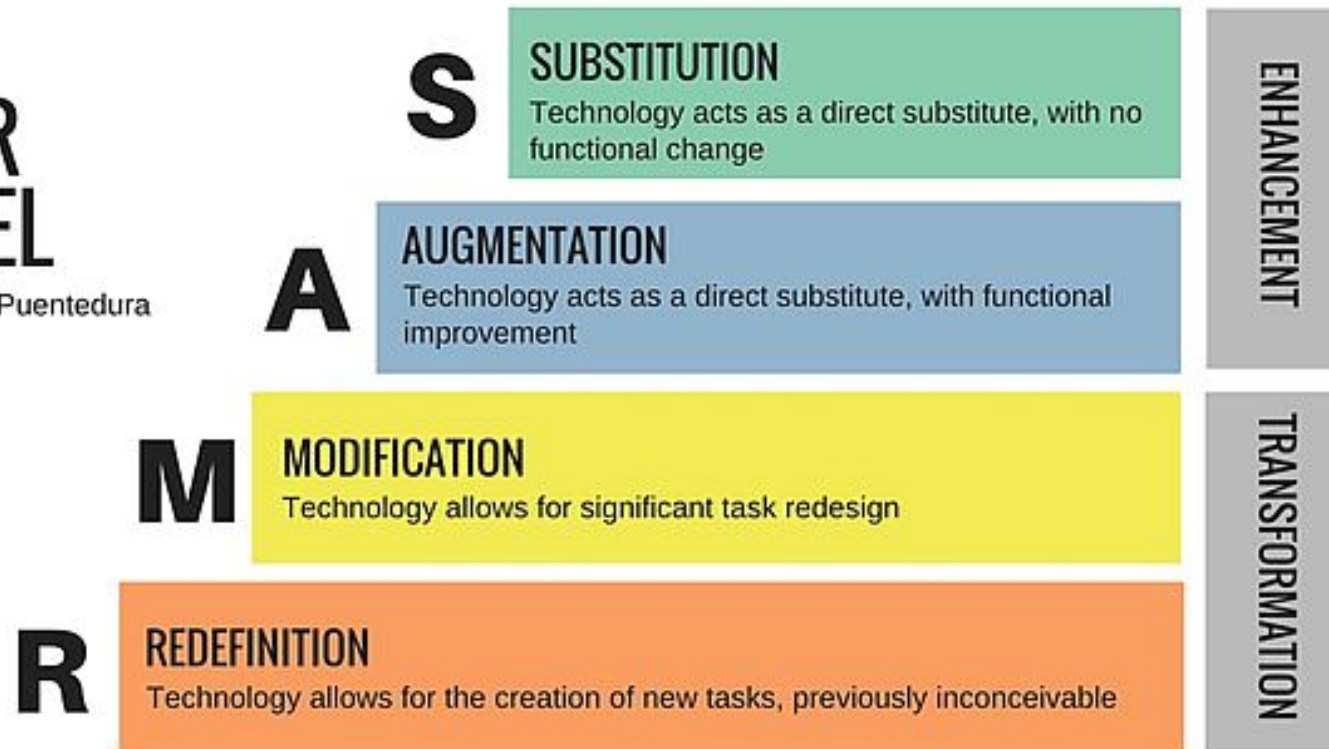


Note: ICT stands for information and communications technology.

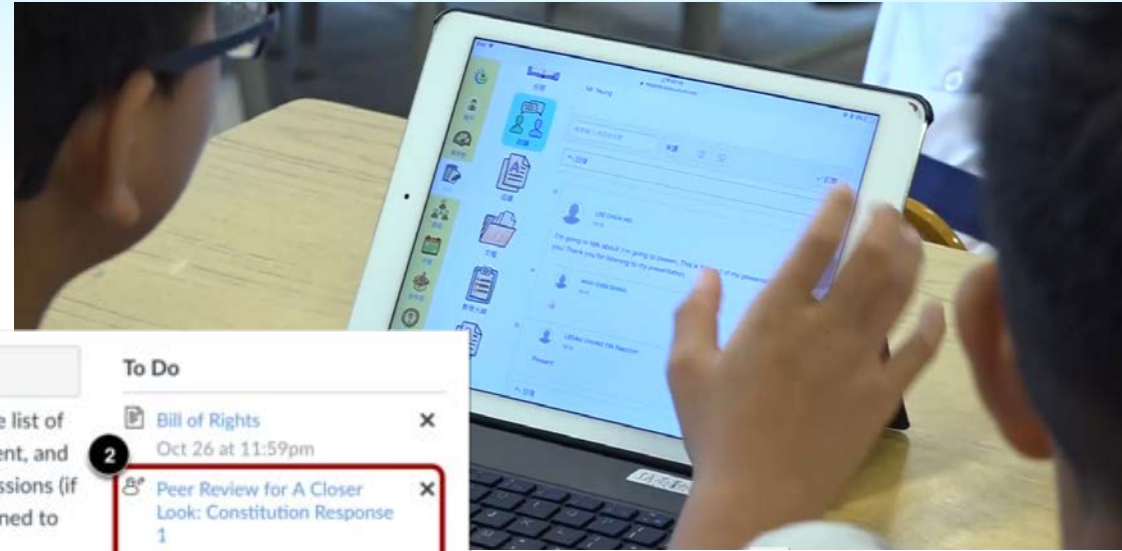
# The SAMR Model

## THE SAMR MODEL

Dr. Ruben R. Puentedura



# Self-directed Learning: Peer Review



## A Closer Look: Constitution Response 1 Peer Reviews

Student peer reviews will be considered complete when students have commented at least once on the page and filled out the rubric form for the assignment.

### Boone, Emily

① Doe, Jessica

Give Emily Boone another submission to assess +

### Doe, Jessica

① Boone, Emily

Give Jessica Doe another submission to assess +

### Johnson, Max

None Assigned

① Give Max Johnson another submission to assess +

### Jones, Bruce

None Assigned

Give Bruce Jones another submission to assess +

### Rogers, Joe

None Assigned

← Back to Assignment

To the left you can see the list of students for this assignment, and also which student submissions (if any) they have been assigned to review.

## Automatically Assign Reviews

You can assign peer reviews to those users who have submitted but don't already have reviews assigned by clicking the button below.

2 reviews per user

Assign Peer Reviews

## To Do

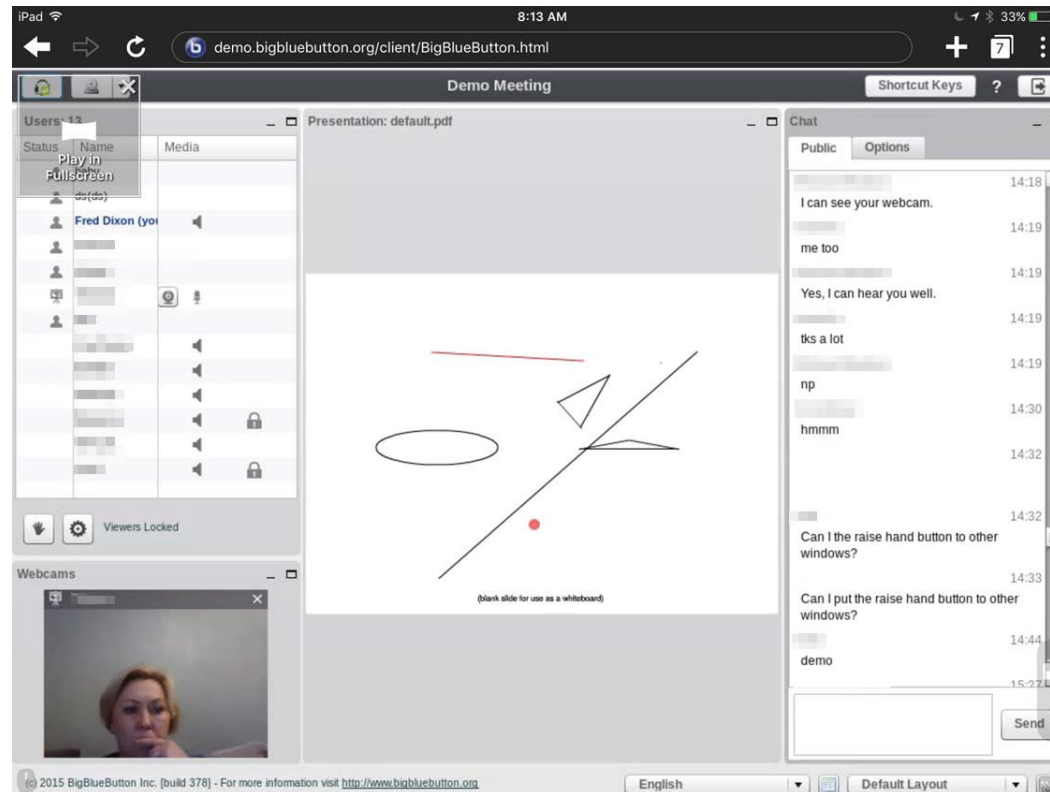
Bill of Rights  
Oct 26 at 11:59pm

② Peer Review for A Closer Look: Constitution Response 1  
Oct 26 at 11:59pm

The Bill of Rights Quiz  
10 points |  
Oct 29 at 11:59pm








# Collaborative Learning: Conference (Sessions/groups)




# Learner diversity: Mastery Paths

Science Studies & Fallacies



 <b>Pretest: Science Safety Knowledge Worksheet</b> Oct 31, 2017   10 pts	Mastery Paths	✓	⋮
 <b>Biology Overview</b> 8 pts		✓	⋮
 <b>Label your Microscope</b> 10 pts	Mastery Paths	7 pts - 4 pts	✓ ⋮
 <b>Safety in Science - Advanced Symbols</b> Multiple Due Dates   10 pts		10 pts - 7 pts	✓ ⋮
 <b>Safety in Science - Symbols</b> 25 pts		7 pts - 4 pts	✓ ⋮

Details | Mastery Paths | Not Published


100 pts

+	 10 pts <b>Safety in Science - Advanced Symbols</b>
8 pts	

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+	 10 pts <b>Label your Microscope</b>	 25 pts <b>Safety in Science - Symbols</b>
4 pts		

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+	 10 pts <b>Safety in Science - Basics</b>
0 pts	



# Mastery Learning: Rubric

Grading

Grading

Criteria	Ratings			Pts
	Full Marks	Partial Marks	No Marks	
Follow Instructions	Full Marks	Partial Marks	No Marks	
Required Length	Full Marks	No Marks		
Content	Full Marks	No Marks		
 Writing Prompt Outcome <a href="#">view longer description</a>	Exceeds Expectations	Meets Expectations	Does Not Meet Expectations	
 Assignment Outcome <a href="#">view longer description</a>	Exceeds Expectations	Meets Expectations	Does Not Meet Expectations	








Assignment Comments



# Mastery Learning: Learning Mastery Gradebook

History 101 > Grades

All Sections ▾ Learning Mastery ▾

Course average ▾	3.21 /3 <span style="color: green;">■</span>	3.21 /3 <span style="color: green;">■</span>	3.42 /3 <span style="color: green;">■</span>			
Learning Outcome	Quiz Outcome	Assignment Outc...	Writing Prompt...	Discussion Outco...	1.1.d	
 Emily Boone History 101 Section 1	5 /3 <span style="color: green;">■</span>	5 /3 <span style="color: green;">■</span>	5 /3 <span style="color: green;">■</span>			<span style="color: green;">■</span> Exceeds Mastery
 Jessica Doe History 101 Section 1	4 /3 <span style="color: green;">■</span>	5 /3 <span style="color: green;">■</span>	3 /3 <span style="color: green;">■</span>			<span style="color: green;">■</span> Meets Mastery
 Max Johnson History 101 Section 1	3 /3 <span style="color: green;">■</span>	3 /3 <span style="color: green;">■</span>	5 /3 <span style="color: green;">■</span>			<span style="color: orange;">■</span> Near Mastery
 Bruce Jones History 101 Section 2	0 /3 <span style="color: red;">■</span>	0 /3 <span style="color: red;">■</span>	0 /3 <span style="color: red;">■</span>			<span style="color: red;">■</span> Well Below Mastery
 Joe Rogers History 101 Section 2	3 /3 <span style="color: green;">■</span>	3.5 /3 <span style="color: green;">■</span>	4 /3 <span style="color: green;">■</span>			<span style="color: green;">■</span> Exceeds Mastery
 Nora Sanderson History 101 Section 1	5 /3 <span style="color: green;">■</span>	1 /3 <span style="color: red;">■</span>	2 /3 <span style="color: orange;">■</span>			<span style="color: orange;">■</span> Near Mastery
 Jane Smith History 101 Section 1	2.5 /3 <span style="color: orange;">■</span>	5 /3 <span style="color: green;">■</span>	5 /3 <span style="color: green;">■</span>			<span style="color: orange;">■</span> Near Mastery

Export report



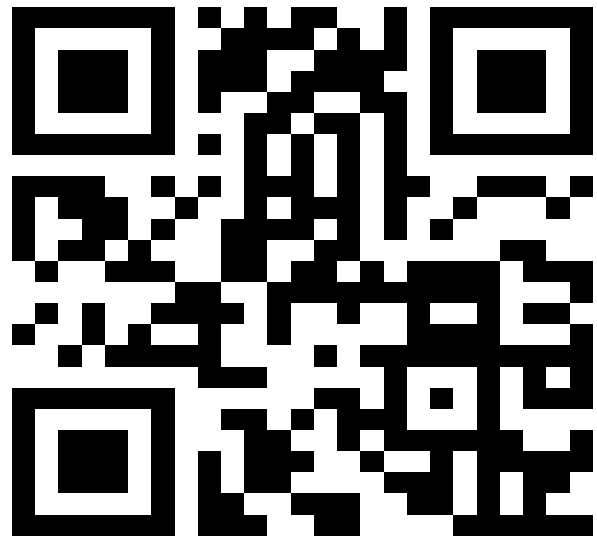


# To VLE or not to VLE?



# Join our community!

<https://vle.hkedcity.net/>



# VLE Scheme VLE計劃

Account support

User guide

Intro course

Resources depository (Commons)

Experience sharing

School  
application  
全校申請

Individual  
application  
個人申請



# Try Out: Public Course

首頁 關於計劃 用戶指南 學校分享 FAQ 聯絡我們

## 用戶指南

教師指南

學生指南

▼ 推介資源

### 一. 公開課程

教師和學生不需登入VLE平台，即可使用以下公開課程，隨時隨地進行自學。



#### Fatina的健康正向生活 (電子書及VLE公開課程)

**程度：**小四至小六

**特色：**本教材套包括教師手冊(另附教師手冊使用指南)、學生手冊、九個不同類型的教育遊戲，以及一副桌上遊戲。學生可以透過遊戲學習五個自我管理範疇(情緒、時間、健康、社交及金錢)，從而建立正向價值觀。

**語言：**中文

**作者：**東華三院青少年及家庭服務部

**VLE公開課程：**<https://hkedcity.instructure.com/courses/3381>



# Try out: Student Schemes

<https://www.hkedcity.net/studentscheme/>



## TVNews Award Scheme

Through news exercises, students can learn English, develop critical thinking skills and raise the awareness of social issues.

Subjects: English, Liberal Studies

▶ Junior Level

▶ Senior Level



## Reading Challenge

Cultivate students' interest in reading and develop reading skills by taking playful quizzes.

Subjects: Cross-subjects

▶ Junior Level

▶ Senior Level



## 10-Minute Science

Encourage students to self-learn knowledge of health, science, environment and information technology through exercises.

Subjects: General Studies, STEM

▶ Primary 4

▶ Primary 5

▶ Primary 6



## LS Online Challenge

Students can strengthen their knowledge on Liberal Studies concepts and social issues through online exercises.

Subjects: Liberal Studies

▶ Junior Level

▶ Senior Level





# Our online community: Go eLearning

<https://www.hkedcity.net/goelearning/>



系列 ▾ 關於Go eLearning

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## 21<sup>st</sup> Century Classroom

TPACK Model  
Teachers and Media

在數學和科學課內的STE(A)M教育

作者：Mr. Greg Hughes

## plickers

Plickers：一部智能電話  
就能進行課堂小測

## Arduino

英  
運用Arduino感應器發揮創意

作者：賴富偉老師



# The future: Innovative Learning Environment



# Enquiry

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