

### Engaging students in assessing their own learning

Teachers at **Queen Elizabeth School Old Students' Association Tong Kwok Wah Secondary School** use Assessment as Learning to design pedagogical and assessment practices for their Secondary 4 Economics classes. These practices have the following characteristics.

- Providing clear targets and assessment activities to enhance self-directed learning and learning motivation
  - The teachers use software to create multimedia learning materials to enable students to understand the various learning targets shown in the following table before the start of the unit.

Learning Attainment Levels	Types of Learning Targets
<b>Core</b> Target: Level 3	1. Knowledge: using definitions to make judgements
	2. Skills: drawing conclusions through analysing graphs
	3. Skills: using formulae to make deductions
	4. Skills: using formulae to calculate answers
<b>Extension</b> Target: Level 4	5. Analysis: selecting and applying concepts/theories to make deductions
	6. Analysis: selecting and applying concepts/theories to explain phenomena
<b>Challenge</b> Target: Level 5	7. Application: applying concepts/theories to answer new types of questions that have never appeared in daily classroom teaching or on previous examinations

- A short test, usually in the form of multiple-choice questions, is given to students after the completion of each sub-unit to assess what and how well the students have learned.
- Different from the subject's previous practice, the test paper contains a self-assessment part for students to evaluate the extent to which they have mastered the concepts, knowledge or skills assessed by the test. Extra time is given to students to complete this self-assessment.

- Upon receipt of their marked test papers, students can better understand how well they have mastered what they should have learned by comparing their actual scores obtained on the test and their scores obtained on self-assessment.

Example of self-reflection on a short quiz

	答案	✓×○
1.	D	○
2.	A	○
3.	C	✓

4.	D	X
5.	B	✓
6.	A	○

7.	B	○
8.	B	✓

選擇題

1. 下列哪一(幾)項是公司透過發行債券籌集資金的好處?

(1) 公司的負債比率不會上升。  
 (2) 原有股東的控制權維持不變。  
 (3) 公司毋須定期派發利息。

A. 只有 (2)  
 B. 只有 (1)、(3)  
 C. 只有 (2)、(3)  
 D. (1)、(2)、(3)

Key

- “✓” I have fully mastered this question
- “○” I have somewhat mastered this question
- “X” I have not mastered this question

Example of self-reflection on a short quiz.

- Providing ongoing feedback on students' performance to enable them to master their learning process
  - The teacher prepares an overall progress report for students based on their performance in different assessment activities throughout their senior secondary studies to provide them with a better picture of what they have achieved and what their next learning targets should be.

Student Performance					
學年	單元主題	MC	SQ	Total	Rank
14-15	1st Uniform Test	55%	73%	66%	10/33
	1st Exam	67%	73%	71%	7/33
	2nd Uniform Test	60%	53%	56%	15/33
	2nd Exam	63%	67%	65%	4/33
15-16	1st Uniform Test	93%	87%	89%	1/30
	1st Exam	66%	78%	73%	8/30
	2nd Uniform Test				
	2nd Exam				
16-17	Mock				
	Final				
Average		67%	72%	70%	8/30

Example of a student's overall progress report.

If you are interested in assessment, read also Examples 36, 38-42.