



<https://imagic.ntue.edu.tw>



Features of iMagic e-Learning system



Highly flexible and fully customizable for teaching strategy

iMagic can be customised in any way and tailored to various teaching strategy!



Support for cooperative group learning activities

Implementing the "learner-centered" pedagogy.



Cloud learning

Cloud learning by various devices to enhance flipped teaching and learning!



Integrating teaching tools

Enhancement of students' participation in class activities to reinforce interactive learning between teachers and students!



Flexible and alternative assessments

Teachers can analyze students' learning process by different approach



Use any time, anywhere, on any device

Support for computers, tablet and mobile phones for the use of teachers and students



Cross-platform



Group Learning



Interactive classroom





Highly flexible and fully customizable for teaching strategy

iMagic can be customised in any way and
tailored to various teaching strategy!

Strategy Template

教學魔法師提供多種策略樣板
供您選擇使用，例如STAD、
專題學習導向、問題解決導
向、團體探究法、翻轉教學及
拼圖法等等。

挑選策略

Customize Strategy

請您逐步為每一項功能進行策
略規畫，包含分組設定、教材
設定、測驗設定、作業設定、
評量設定等等。

進行設計

My Teaching Strategy

使用您自訂的教學策略

挑選策略





Support for cooperative learning

Implementing the “learner-centered” pedagogy (team building, peer interactions).

Cooperative Learning: Instructional Strategy Templates

STAD

Grouping: Homogeneous
Teaching material: Individual
Peer assessment : Within group
Reward: Group point



Project based Learning

Teaching material: Randomly assign
Assignment: Individual
Peer assessment : Within group, between group, teacher assessment by group



Problem based Learning

Teaching material: Randomly assign
Peer assessment : Within group, between group, teacher assessment by group



Group Investigation

Teaching material: Randomly assign
Assignment: Individual
Peer assessment : Within group, between group, teacher assessment by group



Flip Instruction

Grouping: Heterogeneous
Peer assessment : Within group

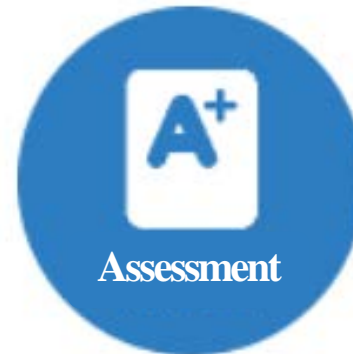
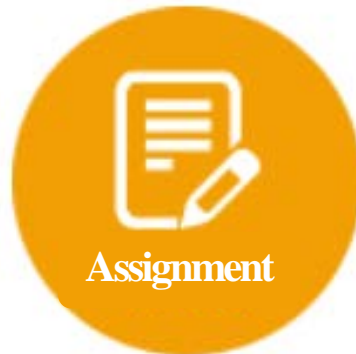


Jigsaw Cooperative Learning

Grouping: Heterogeneous
Teaching material: Randomly assign
Peer assessment : Within group
Reward: Group point



Customize Strategy



Flexible for team building



■ Teachers conduct homogeneous and heterogeneous grouping according to gender, grades or departments for peer interactions and learning.

Set criteria for team building

Manual to assign individual to groups

分組設定 分組列表 自行分組

分組數

組數 2

分組條件 清除選擇

gender grades departments

分組條件 清除選擇

heterogeneous homogeneous

儲存

分組設定 分組列表 自行分組 [策略名稱: 翻轉教學](#)

學號	姓名	分組(使用數字 1= 第一組, 2= 第二組)
		<input type="text" value="1"/>
110546009	John	<input type="text" value="2"/>
110646006	Ted	<input type="text" value="2"/>
110746007	Mandy	<input type="text" value="2"/>
110746012	Lily	<input type="text" value="2"/>
110746003	Jason	<input type="text" value="3"/>
110746009	Albee	<input type="text" value="3"/>
110746010	Allen	<input type="text" value="3"/>
110746013	Mark	<input type="text" value="3"/>



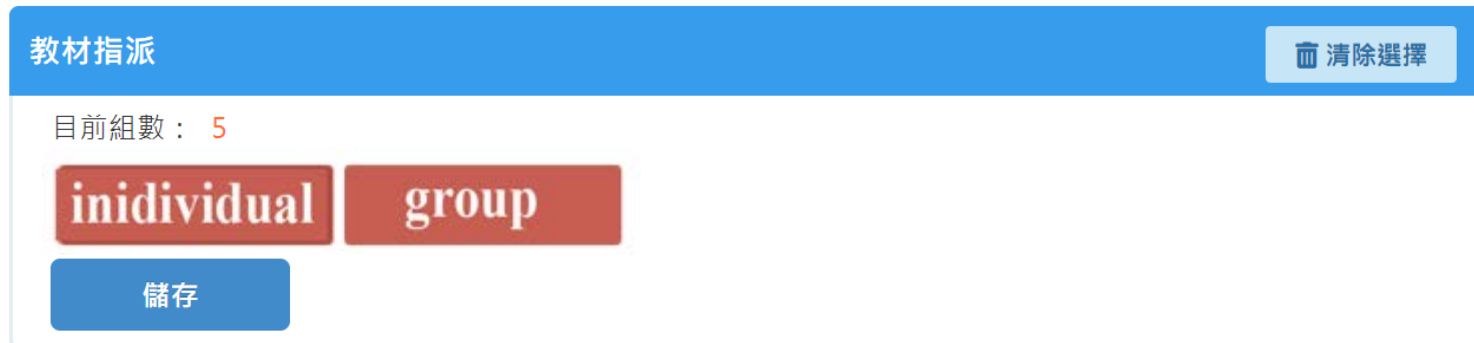
Easily distributie teaching materials



- iMagic integrates the Google Drive or Virtual Drive as the “cloud teaching material storage”. Teacher and easily dragging of teaching materials in different categories of files from Cloud drive.



- Teachers can assign one material for one student, one material for one group or randomly assign by the system. It significantly reduces teachers’ time to prepare teaching materials.



Interactive Response System (IRS)

■ IRS

Teachers can conduct online test by the Interactive Response System (IRS); students can respond to questions by various devices. The system records and analyzes learning process at any time. Thus, teachers can immediately monitor students' learning and reinforce their concentration and learning outcomes.

第1題[選擇題]

關閉正確答案 關閉回答人數

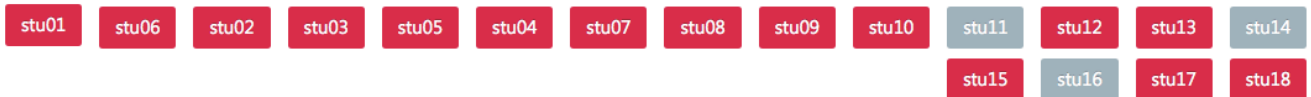
請問以下哪些選項是教學魔法師平台所沒有的功能?

- | | | | |
|---|-----------|----|---|
| 2 | A. A.成績總表 | 0 | B. B.即時問答 |
| 3 | C. C.隨機抽點 | 10 | D. D.線上遊戲 <input checked="" type="checkbox"/> |

Questions

List of answered students

已答人數/應答人數 : (15 / 18) 設定作答完成



Correct answer

第1題:

請問以下哪些選項是教學魔法師平台所沒有的功能?

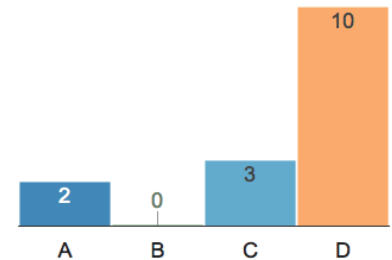
A: A.成績總表

B: B.即時問答

C: C.隨機抽點

D: D.線上遊戲

Result analysis



全班人數:21

作答人數:15

答對率:67



Flexible for assignment settings



Teachers can select by individual or group. Teachers can also open individual assignment files to whole class as modeling. Through the Assignment Gallery of teaching tool, they can evaluate the assignments and vote for each other as feedbacks.

作業設定

Assignment

individual

group

Modeling assignment

Open

不開放

儲存

小組	姓名	作業觀摩[On=開啟, Off=關閉]/上傳檔案	分數	等第	評語	批改
Group 1						批改
	John	110117005 <input type="checkbox"/> OFF		A+		批改
	Ted	10217009 <input type="checkbox"/> OFF		A-		批改
	Mandy	10217021 <input checked="" type="checkbox"/> ON <input checked="" type="checkbox"/> ClassDojo.pptx		A+		批改
	Lily	10217023 <input type="checkbox"/> OFF		A		批改
	Allen	10217037 <input type="checkbox"/> OFF		B+		批改



Flexible for alternative assessments



- According to instructional demand, teachers can set self-assessment, within-group and between-group peer assessment or teachers' assessment. Besides keying in the grades, they can input the comments to lead to multiple assessments.

評量設定

peer assessment

self-assessment

teacher assessment

peer assessment

within-group

between-group

whole class

teacher assessment

individual

group



評量：組內(個人)

Group 1

John : 5
Ted : 4
Mandy : 8
Lily : 7

Group 2

Jason : 9
Albee : 5
Allen : 4
Mark : 7

within-group
assessment

評量：組間

Group 1: 4

Group 2: 8

between-group
assessment

老師評量(小組)

Group 1: 9

Group 2: 8

teacher
assessment



Providing various teaching tools (1)-Random selection

■ Random Selection

By random selection, teachers can randomly choose individual or a group to respond to the question as equal opportunities for all.



開始抽點



開始抽點



Providing various teaching tools (2)-Assignment Gallery

■ Assignment Gallery

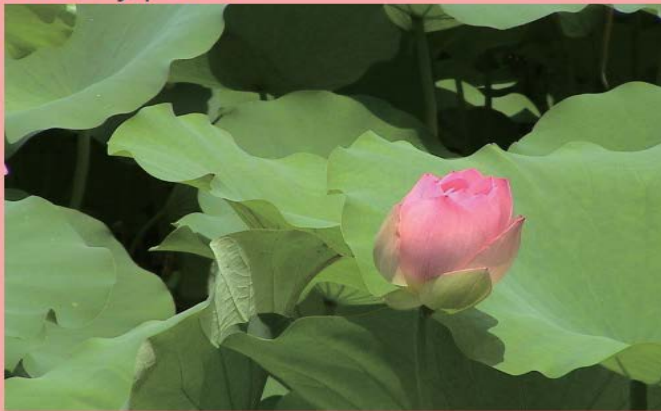
By Assignment Gallery, they can conduct individual and group assignment. Students can discuss, compare and vote to the projects.

展示主題：Assignment 1

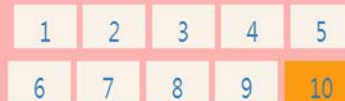
學生姓名：20000527 [點選作品可放大顯示]

刪除

作品名稱：My photo



作品說明：My photo



I like your photo.



Mary

