

An Application of ePUB3 eBooks on The Flipped Design and Teaching of Chinese ‘Application Writing’ Courses – An Example of ‘Abstract Writing’

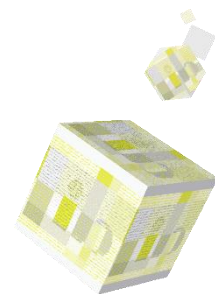
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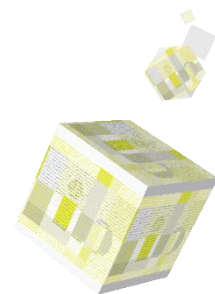


Introduction



- For responding to the development trend of education, colleges have launched the adjustment of teaching methods into a blended learning by imposing e-Learning on their education systems.
- At present, among the possible modes in blended learning, the flipped learning is the most commonly used one.
- In this paper, we explore the application of a newly introduced ePUB3 eBook technique on the flipped learning of Chinese ‘Application Writing’ courses.

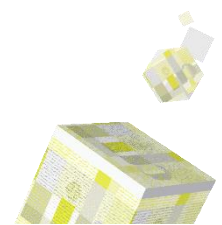
Methods



- For this study, we present a flipped lesson design process for a Chinese ‘Application Writing’ course:
 1. Ensure each unit’s objectives of the writing course.
 2. Specify each unit’s learning activities of the writing course.
 3. Design the contents of the ePUB3 eBooks used in each unit of the writing course.
 4. Construct the ePUB3 eBooks used in each unit of the writing course.
 5. Instruct and assess each unit’s class of the writing course.

InSight

Results



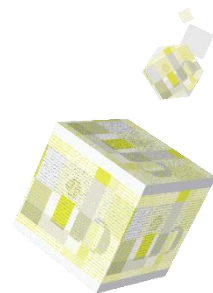
Course Name	Abstract Writing						
學習目標	<ol style="list-style-type: none"> find out the main subjects of an article, excerpt its key sentences and paragraphs reorganize an article to express its contents with concise sentences have the reading abilities of an article in an efficient manner 						
Flipped Learning Model	Before Class	Beginning of Class	In Class			End of Class	
	Preview Curricular Contents	Pre-Class Test	Supplemental Lecture	Group Discussion	Post-Class Test		
		monitored by teacher & assistant	helps from teacher & assistant		monitored by teacher & assistant		
Learning Activities (control group)	Features						
	Theory of Learning	Way	Type	Mode	Location	Time	Resource
A.1 Preview	Behavior, Recognition	Individual	Reading	Online	Outside Classroom	7 days	
A.2 Pre-Class Test	Recognition	Individual	Answering	Online	Computer Classroom	10 mins	Assistant
A.3 Supplemental Lecture	Behavior, Recognition	Individual	Reading, Lecturing	Online, Face to Face	Computer Classroom	15 mins	teacher, assistant
A.4 Group Discussion	Recognition, Construction	Group	Discussing	Online	Computer Classroom	45 mins	
A.5 Post-Class Test	Recognition, Construction	Individual	Answering	Online	Computer Classroom	25 mins	assistant

Design of an 'Abstract Writing' course (experimental and control groups)



InSight Results

5 - 1 摘要寫作



摘要寫作的步驟

1. **重複閱讀**：先將原文熟讀，先概覽、再審閱重點何在。
2. **標記重點**：找出至少五個關鍵詞，劃記在原文上，根據關鍵詞的脈絡，用來提示原文的精華。
3. **原文改寫**：根據劃出的關鍵詞，用同義詞重新組合，予以改寫。

摘要寫作的步驟

重複閱讀

3

課間練習

1. 下列哪一項不是寫摘要的目的？

- A 為了作業美觀方便
- B 節省再次閱讀的時間
- C 幫助建立記憶和印象
- D 能找出閱讀的重點

2. 如果要將某一個活動成果摘要寫出，不必多加著墨的是：

- A 活動的日期和時間
- B 活動舉辦地點
- C 活動的宗旨
- D 活動中發生的事件

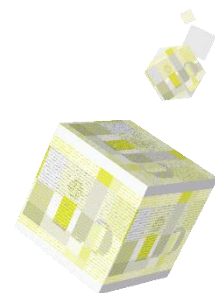
3. 如果要把一篇1000字的課文作成約200字的摘要，應該採取的步驟是：

- A 標記重點→重複閱讀→原文改寫
- B 原文改寫→重複閱讀→標記重點

4

The illustrative pages of the ePUB3 eBook used in the 'Abstract Writing' course

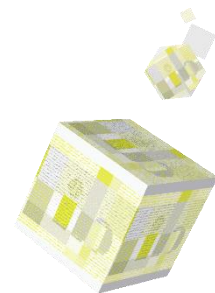




- For illustration, the process was applied in the Fall semester of 2017 on the 'Abstract Writing' unit of a Chinese 'Application Writing' course in a local university.
- For assessment, a quasi-experimental study on the control analysis of experimental and control groups was conducted where (1) these two groups had 43 and 47 students respectively, (2) they had similar enrollment ages, scores, and backgrounds, and (3) they all had no learning experiences on flipped learning and ePUB3 eBooks.
- The research results show that the process, through the application of flipped learning and ePUB3 eBooks, can improve the effectiveness of students' learning in abstract writing.
- Further, with accompanied questionnaires and interviews, the results also show that students advocate using this approach in their learning.

InSight

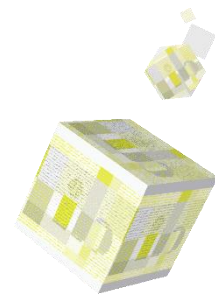
Discussion



- Our study uses ePUB3 eBooks as learning media that employ the rich functions of the ePUB3 technique to alleviate such restrictions.
- Together with the flipped learning, It not only provides students with a more attractive learning and communicative environment, but also provides teachers with an efficient teaching and supportive environment.



InSight



The End

