

An Application of Quality Talks on the ePUB3 eBook-based Flipped Design and Teaching of 'Reading Comprehension' Courses

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InSight

Introduction

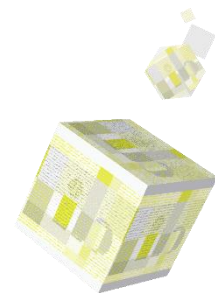


- In recent years, ‘reading comprehension’ has become one of the core general education courses in colleges.
- At present, flipped learning is a common way used in domestic education sectors for teaching these ‘reading comprehension’ courses.
- This paper extends the existing ePUB3 eBook-based flipped learning by exploring how to enhance the effects of students’ topic discussions.
- The emerging quality talk (QT) method is employed in the discussions to provide students with a more robust discussion environment



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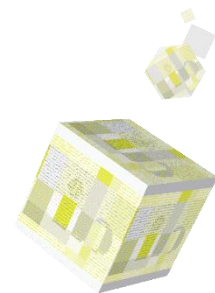
Methods



- For this study, a flipped lesson design process is explored and presented for a ‘reading comprehension’ course:
 1. Ensure the learning objectives/teaching strategies of the course.
 2. Specify the learning activities of the course.
 3. Design and construct the contents of the ePUB3 eBooks used in the course.
 4. Instruct and assess the classes of the course.



InSight Results

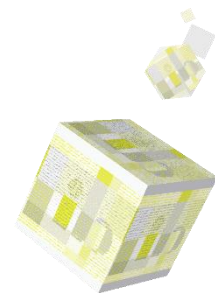


Learning Activities	Experimental Group	Control Group
1. preview contents (7 days)	ePUB3 eBooks	ePUB3 eBooks
2. pre-class tests (5 minutes)	Yes	Yes
3. lecture contents (10 minutes)	Yes	Yes
4. group discussions (50 minutes)	Quality Talks	General Talks
5. Learning Activities (30 minutes)	Yes	Yes
6. pre-class tests (15 minutes)	Yes	Yes

Design of a 'reading comprehension' course (experimental and control groups)



InSight Results



Discussion Activities	Experimental Group	Learning Activities
Teachers designate topics	Yes	Yes
Students practice interactive questions/responses	Yes	No
students discuss topics	Yes	No
students infer, verify, and present conclusions	Yes	No
students share and comment conclusions	Yes	Yes

Design of the topic discussions (experimental and control groups)



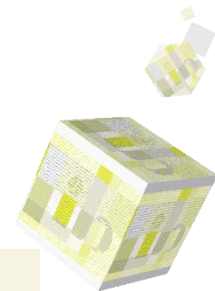
InSight **Results**



- For illustration, the process was applied to the ‘prose reading’ unit of a ‘reading teaching’ course in a local university.
- For assessment, a quasi-experimental study on the control analysis of experimental and control groups and its accompanied questionnaires were conducted :
 - (1) These two groups had 49 and 42 students respectively.
 - (2) These students had similar enrollment ages, scores, and backgrounds.
 - (3) These students had no learning experiences on flipped learning, ePUB3 eBook, and QT.



InSight Results



觀點話題

請看完以下影片後，至討論區去表達你的意見。

3. 直擊「放生專賣店」 連蟋蟀都有賣(東森新聞)



影片來源: youtube

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問題與討論

- 一、本文由街頭大龜遭人放生，聯想過去諸多類似的放生回憶，行文之中給你何樣的感受？
- 二、你對放生的看法如何？你贊成放生嗎？
- 三、你對吃素何有看法？有些人士主張吃素可以做環保、愛地球，你的觀點如何？
- 四、宗教的目的是使人心安，你有任何宗教信仰嗎？有沒有藉助宗教力量解決問題的經驗？試著分享出來。

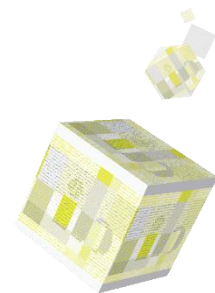
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The illustrative pages of the ePUB3 eBook used in the 'prose reading' unit of a 'reading teaching' course



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Discussion



- The research results show that the proposed course design, through the QT-centric ePUB3 eBook-based flipped learning, can produce the better learning effects of students' 'reading comprehension' than that through the general group discussions.
- Further, with accompanied questionnaires, the results also show that students satisfy applying QT to their ePUB3 eBook-based flipped learning.



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The End

