

國民中小學部分領域課程雙語教學實施計畫—本土雙語教育模式之建構與推廣

Integrated Bilingual Teaching in Selected Subject Areas: Localizing Education Models in Primary and Secondary Schools

雙語課程教案設計

The Design of Bilingual Lesson Plan

※以下表格採中文或英文填寫皆可。The blanks can be filled in Chinese or English.

※雙語教案撰寫時，請使用中字標楷體、英字 Times New Roman、字體 12、單行距，並以 Word 及 PDF 檔案進行繳交。

學校名稱 School	線西國小		課程名稱 Course	Music
單元名稱 Unit	Unique Name Song		學科領域 Subject / Domain	Arts
教材來源 Teaching Material	自編		教案設計者 Designer	丘維蓁
實施年級 Grade	四年級		本單元共 <u>2</u> 節 The Total Number of Sessions in this Unit	
教學設計理念 Rationale for Instructional Design	2021 年行政院提出「班班有網路、生生用平板」政策，希望在全國中小學大力推動數位學習，提升學生數位科技應用能力。一般的音樂課程在創作上的教學較少著墨，大多以紙本為主，學生較難獨自發表作品；本單元將數位科技融入音樂課堂，希望學生藉由學習 iPad 上 GarageBand 數位編曲軟體的基本操作，打破紙本創作限制，利用數位載具，嘗試及體驗音樂創作，進一步發表別出心裁的作品。			
學科核心素養 對應內容 Contents Corresponding to the Domain/Subject Core Competences	總綱 General Guidelines	B 溝通互動		
	領綱 Domain/Subject Guidelines	藝-E-B2 識讀科技資訊與媒體的特質及其與藝術的關係。 藝-E-B3 善用多元感官，察覺感知藝術與生活的關聯，以豐富美感經驗。		
	校本素養指標 School-based Competences	※若無則免填。Please skip if there is no school-based curricula.		
學科學習重點 Learning Focus	學習表現 Learning Performance	1-II-5 能依據引導，感知與探索音樂元素，嘗試簡易的即興，展現對創作的興趣。 2-II-1 能使用音樂語彙、肢體等多元方式，回應聆聽的感受。		
	學習內容 Learning Contents	音 E-II-2 簡易節奏樂器、曲調樂器的基礎演奏技巧。 音 E-II-5 簡易興興，如：肢體即興、節奏即興、曲調即興等。 音 A-II-2 相關音樂語彙，如節奏、力度、速度等		

		描述音樂元素之音樂術語，或相關之一般性用語。													
學生準備度 Students' Readiness	學科準備度 Readiness of Domain/Subject - Ss can use music notes to create 8-bar rhythms - Ss can play a simple rhythm to a metronome beat														
	英語準備度 Readiness of English - Ss understand the classroom rules. - Ss understand quarter note, half note, quarter rest, and 8th note - Ss know the meaning of high, low, fast, and slow in music														
單元學習目標 Learning Objectives	- Learn to operate basic GarageBand functions - Use GarageBand to create digital music with three tracks - Experience the fun of creating digital music														
中／英文 使用時機 Timing for Using Chinese/ English	教師 Teacher		學生 Students												
	- T greets Ss - T gives instructions for movement - T reminds Ss classroom rules - Feedback and encouragement		- Ss answer T's questions - Ss follow the instructions to operate the GarageBand app - Ss give feedback to other students' work												
教學方法 Teaching Methods	教師講述、教師示範、實作練習、小組討論														
教學策略 Teaching Strategies	搭建鷹架、運用多媒體影音、經驗學習、合作學習														
教學資源及輔助器材 Teaching Resources and Aids	- PPTs(self-developed) - Desktop、Digital projector、Blackboard - Teacher iPad、Student iPads - GarageBand app														
評量方法 Assessment Methods	實作評量														
評量標準 Rubrics	Use GarageBand app to create a name song														
	<table><tr><td>評量項目 \ 評量標準</td><td>A</td><td>B</td><td>C</td><td>D</td></tr><tr><td>利用 app 完成數位音樂作品</td><td>創作出三種音軌的音樂作品</td><td>創作出兩種音軌的音樂作品</td><td>創作出一種音軌的音樂作品</td><td>未達 C 級</td></tr></table>					評量項目 \ 評量標準	A	B	C	D	利用 app 完成數位音樂作品	創作出三種音軌的音樂作品	創作出兩種音軌的音樂作品	創作出一種音軌的音樂作品	未達 C 級
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議題融入 Issues Integrated	科技教育 科 E1 了解平日常見科技產品的用途與運作方式。														

教學流程 Teaching Procedures		
※以下欄位若活動內容是需要使用英文進行，請以英文撰寫，並須依據前面的中/英文使用時機撰寫。Please use English to specify your teaching activities that are executed in English in the classroom based on the timing for using Chinese/English section.		
第一節	準備階段 Preparation stage	時間 Time
	1. T greets Ss 2. Ss sing “Hello song” 3. Lead in activity T plays “Jill song” composed with GarageBand Ss listen to the song and share what they hear	5
	發展階段 Development stage 1. Get to know GarageBand app ● T introduces the basic functions and interface of GarageBand in iPad. ● T divides students into groups of two, and the two will collaborate on the work ● T gives out the worksheets 2. Sample your name and record an 8-bar rhythm ● T demonstrates how to use the sampler to record the name, and then Ss practice doing it. ➢ Create a new project. In the sound browser, locate the keyboard and tap on Sampler. ➢ Tap the big red Start button and say your name. Tap the red button again when you’ve finished ➢ Play back your name sample by using the on-screen keyboard at the bottom of the screen ➢ Try playing low notes and high notes, and practice your rhythm. ➢ When you are ready, tap on the Record button at the top of the screen and record an 8-bar rhythm using your name.	10
	總結階段 Summary stage 1. Ss share the rhythm of their creations and give feedback to each other 2. T gives Ss feedback and encouragement	20
	第一節結束 End of the first session	5

第二節	準備階段 Preparation stage 1. T greets Ss 2. Ss sing “Hello song” 3. Ss review the basic functions and interface of GarageBand in iPad.	5
	發展階段 Development stage 1. Add a drum pattern ● T demonstrates how to add a drum pattern, and then Ss practice doing it. ➤ Open the original file from last week ➤ Tap the New Track button and select the Smart Drums ➤ Choose a drum kit: tap on the Hip-Hop kit picture and choose a drum kit. ➤ Use the instruments on the right of the screen to build up a drum pattern. Drag each instrument onto the grid. ➤ Drag the icons left and right to decide whether the rhythm is simple or complex. Drag the icons up and down to decide whether the volume is prominent or softer ➤ When you have created a pattern you like, rewind the playback cursor to the start of your project and then press Record. GarageBand will play and record the rhythm for you.	10
	2. Add a bass part ● T demonstrates how to add a ready-made bass loop, and then Ss practice doing it. ➤ Tap the Track View button to return to the Track View screen. ➤ Tap the Loop button in the menu bar at the top of the screen and then tap the Apple Loops tab ➤ Tap Instruments and then Bass to show the bass guitar loops ➤ When you’ve found one you like, tap and hold your finger on the loop and then drag it across to the track bar, underneath your existing tracks. ➤ GarageBand will extend the length of the loop automatically so that it fills the entire 8 bars 3. Basic mixing	10

	● T demonstrates how to make sure all of the instruments are balanced in the mix, and then Ss practice doing it. ➤ Swipe your finger from left to right, across the track header area to show the track controls ➤ Tap the Play button and listen carefully to the balance of instruments ➤ Use the volume slider on each track header to adjust the volume if needed 總結階段 Summary stage 1. Each group takes turns to share their unique name songs 2. Ss give feedback to each group 第二節結束 End of the second session	10
參考資料 References		

※期待雙語教師能逐年使用更多英文撰寫本教案。We are looking forward that you can use more and more English to write this lesson plan year by year.