

MOE Curriculum Guidelines Competence-based CLIL Lesson Plan

課程名稱 Course Title	Coastal Landforms in Taiwan	設計者 Designer	王竣民 沈于暄
		適用年級 Grade	8th graders
配合融入之 學科領域 Integrated Subjects	國中地理	配合融入之議題 Integrated Issues	海洋教育 Marine Education
總綱及領綱 核心素養 (跨領域) MOE Core Competencies	<p>社會(地理)領域素養</p> <p>地 1a-IV-1說明重要地理現象分布特性的成因。</p> <p>地 1b-IV-1解析自然環境與人文。</p> <p>地 1b-IV-2歸納自然與人文環境互動的結果。</p> <p>地 1c-IV-2反思各種地理環境與議題的內涵，並提出相關意見。</p> <p>英語文領域素養</p> <p>英-J-B1 具備聽、說、讀、寫英語文的基礎素養，在日常生活常見情境中，能運用所學 字詞、句型及肢體語言進行適切合宜的溝通與互動。</p> <p>英-J-B2 具備運用各類資訊檢索工具蒐集、整理英語文資料的能力，以擴展學習素材與範疇、提升學習效果，同時養成資訊倫理素養。</p> <p>海洋教育議題融入</p> <p>海 J3 了解沿海或河岸的環境與居民生活及休閒方式。</p> <p>海 J13 探討海洋對陸上環境與生活的影響。</p> <p>海 J18 探討人類活動對海洋生態的影響。</p> <p>海 J19 了解海洋資源之有限性，保護海洋環境。</p>		
課程目標 Course Objectives	<ol style="list-style-type: none"> 1. 認識海岸的種類 2. 認識臺灣本島的海岸環境特徵 		
學習表現 Academic Performance	<p>地理</p> <p>地 Ab-IV-1地形與海岸的分類</p> <p>地 Ab-IV-2臺灣主要地形的分布與特色</p> <p>英語文</p> <p>1-IV-1 能聽懂課堂中所學的字詞。</p> <p>1-IV-3 能聽懂基本或重要句型的句子。</p> <p>2-IV-1 能說出課堂中所學的字詞。</p> <p>2-IV-6 能依人、事、時、地、物作簡易的描述或回答。</p> <p>3-IV-4 能看懂簡易的圖表。</p> <p>3-IV-11 能藉圖畫、標題、書名等作合理的猜測。</p> <p>4-IV-1 能拼寫國中階段基本常用字詞。</p> <p>4-IV-2 能依圖畫、圖示書寫英文句子。</p> <p>4-IV-3 能掌握正確書寫格式寫出英文句子。</p>		

授課時數/ 節次 Teaching Hour/Period	45分鐘/1節			
教案內容Lesson Plan				
學習目標 Learning Objectives	學科學習內容 Content			
	1. 認識海岸的種類 2. 認識臺灣本島的海岸環境特徵			
	語言學習內容 (Language of Learning) Communication			
	★目標單字： 北方/東方/西方/南方 north/east/west/south 地形、地貌 landform 海岸 coast; shore 沙岸 sandy coast 岩岸 rocky coast 斷層海岸 fault coast 珊瑚礁海岸 coral reef coast			
	★目標句型： 1. Q: Where can we see the <u>sandy coast</u> in Taiwan? A: You can see the <u>sandy coast</u> in the <u>west</u> of Taiwan. 2. The sandy coast is in the west. (方向及定位) 3. The island is made up of coral reef. (A is made up of B)			
	步驟 Procedures	教學資源 Teaching Resources	學習評量 Assessment	Bloom's Taxonomy
學習活動 Learning Tasks	Warm up (5分鐘) 教師播放海灘投影片，提到Summer is coming! Have you ever been to any beaches in Taiwan? (Yes or No, please type in the chatting box)， Follow-up question: Where are the beaches? 開放學生回答。→帶出臺灣的海岸地形多元，一起來認識海岸地形吧! Presentation (20分鐘) 1. 請學生準備一張空白紙畫出一個臺灣地圖，打開螢幕秀給同學看。 預告接下來的影片為海岸地形的介紹，會先列出word bank共有沙岸sandy coast、岩岸rocky coast、斷層海岸fault coast、珊瑚礁海岸coral reef coast，請學生標示出不同種海岸地形的位置在自己畫的臺灣地圖上，也可以記錄各個海岸適合發展的活動。	投影片 白紙、投影片、影片	問答 是非、選擇、問答等，嵌入各介紹內容投影片中。	Remember-state the features of coastal landforms (描述海岸地形的特徵) Understand-classify the types of the coastal landforms,

	<p>播放海岸地形簡介影片 https://www.junyiacademy.org/partner/hanlin-project/hanlin-project-geography/hpge-7/hpge-7a/v/n6eD0LuJ1_U。</p> <p>問學生：</p> <p>Where can we see the sandy coast?</p> <p>Where can we see the rocky coast?</p> <p>Where can we see the fault coast?</p> <p>Where can we see the coral reef coast?</p> <p>We can see the _____ in the west.</p> <p>開地圖對答案。</p> <p>2. 接著分開簡介沙岸/岩岸/珊瑚礁海岸，並提供相對應的例子。</p> <p>■ Sandy Coast</p> <p>Sandy coast is made up of sand. The river brings the sand from the mountain and it gathers together before going into the sea. We'll call it deposition 沉積作用。 We usually see the sandy coast in the west of Taiwan. And people play games and enjoy the sunrise at the beach.</p> <p>#For example, have you ever been to the sunset platform in An-Ping district?</p> <p>■ Rocky Coast</p> <p>The rocky coast is in the East and North of Taiwan. In the East, the gap between the land and the sea is huge. It's hard for people to get closer to the sea water from the land. We'll call it "fault coast". The example is 清水斷崖(cliff)。Have you been there before? (YES/NO) , In the North, there are capes and bays. People use them as harbors.</p> <p>#問學生成因是哪一個，1. Mountains or hills approaching (鄰近) the coast 2. Mountains and sea parallel (平行) with each other，比讚或比Ya)</p> <p>■ Coral Reef Coast</p> <p>The coral reef coast is in the South of Taiwan. It is made up of coral reef. There are three different types of coral reef landforms. They are fringing reef 裙礁, barrier reef 堡礁, and atoll 環礁。Kenting is the most famous coral reef coast and it's mainly fringing reef. Water in coral reef coast is very clear. People usually go scuba diving in that area.</p>			<p>describe the reasons, locate and recognize the place of the pictures(根據海岸特色進行分類與歸納)</p> <p>Apply-sketch the coastal landforms in the map(將影片內容以繪製的方式複製到地圖上並能分辨出不同地理位置的地貌不同)</p> <p>Analyze-differentiate the features of different coastal landforms and compare them with each other分析文章中提到各海岸地形特色，並將相對應的地點置入其中探討為何該地點為和屬於該分類。</p>
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#Quick test on the three different coral reefs with pictures.

(陳述時會有文字，用克漏字的方式highlight keyword，可以請學生抄下關鍵字)

Practice (15分鐘)

■ 海岸走訪

教師使用google earth帶學生環島一周看看不同海岸地形，主要會看墾丁、西部沿海、清水斷崖、東北角(龍洞一帶)，也會讓學生試著操作google earth。

Google
Earth,
Padlet

■ 海岸導覽員 (時間不足時當作back-up activity)

用Padlet便利貼功能打字簡介臺灣任一處海岸景觀，大致區分東西南北部，使用不同顏色發文(紅—東，橙—西，綠—南，藍—北)，並與同學分享。

Create-Create a post that introduces the coastal landform in Taiwan. (根據東西南北部首先進行地景分布的分類後，進行該海岸地形介紹並分享)

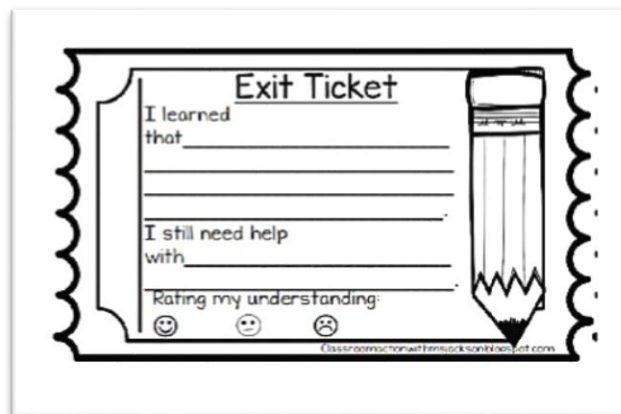
Wrap-up (5分鐘)

Exit ticket-請學生用以下三種句型填寫今日所學，以Padlet的方式留言。

- I learned that (我學到了).....
- I still need help with (我仍有需要協助的地方是).....
- Rating my understanding (為我的學習評分).....(3-smile, 2-so so, 1-sad)

Padlet

Reflection



The image shows a template for an 'Exit Ticket' form. It has a decorative border and a pencil illustration on the right side. The form contains three sections: 'I learned that' with a line for writing, 'I still need help with' with a line for writing, and 'Rating my understanding' with three smiley face icons (happy, neutral, sad) for selection. At the bottom, there is a small URL: 'classroomwithatricksonblacksat.com'.