

十二年國教新課綱素養導向教學 CLIL 教案設計  
MOE Curriculum Guidelines Competence-based CLIL Lesson Plan

學校全銜 School	Taipei Xihu Experimental Junior High School		設計者 Designer	LI, YUAN-YU
課程名稱 Course Title	Smile, let you teeth breath!		適用年級 Grade	junior high school(G7)
配合融入之學 科領域 Integrated Subjects	<input type="checkbox"/> 數學 <input type="checkbox"/> 自然科學 <input type="checkbox"/> 綜合活動 <input checked="" type="checkbox"/> 健康與體育 <input type="checkbox"/> 生活課程 <input type="checkbox"/> 藝術 <input type="checkbox"/> 科技（第四學習階段） 備註：不包含語文及社會領域			
配合融入之議 題 Integrated Issues	<input checked="" type="checkbox"/> 性別平等教育 <input type="checkbox"/> 人權教育 <input type="checkbox"/> 環境教育 <input type="checkbox"/> 海洋教育 <input type="checkbox"/> 品德教育 <input type="checkbox"/> 生命教育 <input type="checkbox"/> 法治教育 <input type="checkbox"/> 科技教育 <input checked="" type="checkbox"/> 資訊教育 <input type="checkbox"/> 能源教育 <input type="checkbox"/> 安全教育 <input type="checkbox"/> 防災教育 <input type="checkbox"/> 閱讀素養 <input type="checkbox"/> 多元文化教育 <input type="checkbox"/> 國際教育 <input type="checkbox"/> 生涯規劃教育 <input type="checkbox"/> 家庭教育 <input type="checkbox"/> 原住民教育 <input type="checkbox"/> 戶外教育			
總綱核心素養 (跨領域)或領 綱核心素養(單 領域) MOE Core Competencies	健體-J-A1 具備體育與健康的知能與態度，展現自我運動與保健潛能，探索人性、自我價值與生命意義，並積極實踐，不輕言放棄。 健體-J-A2 具備理解體育與健康情境的全貌，並做獨立思考與分析的知能，進而運用適當的策略，處理與解決體育與健康的問題。			
課程目標 Course Objectives	一、理解口腔相關疾病所造成的威脅感與嚴重性。 (Da-IV-3, 2a-IV-2) 二、評估自身內、外在行為對於口腔健康造成的影響。 (Da-IV-1, 1a-IV-3)			
表現任務(學習 表現) Performance Tasks	<b>Lesson 1.</b> 1. Students can recognize and describe the function and importance of teeth. 學生能認識並說出牙齒的功能及重要性。 2. Students can understand the growth process of teeth and functions of teeth. 學生能理解牙齒的生長過程及牙齒的種類及功能。 <b>Lesson 2.</b> 1. Students can understand the causes and risk factors of dental caries. 學生能理解齲齒發生的原因及危險因子。 2. Students can finish the worksheet(questions and tasks). 學生完成學習單中的問題與任務。 <b>Lesson 3.</b> 小組討論口腔保健實踐辦法與口頭報告。 To discuss with group members and do an oral report.			
Culture/ Community/ Citizen	●本課程設計三節課共 135 分鐘，包含以下活動：			

情境脈絡 節次配置 Title of Each Period	活動名稱		活動內容	
	What do you know about teeth? 牙齒大小事		1. How many teeth do you have? 2. Functions of the teeth : How many (incisors, canines, premolars, molars) do you have? 3. Ah~What types of teeth can you see?	
	Dentist, I have toothache... 醫生，我蛀牙了...		1. When was the last time you visited dentist? What happened? 2. What is tooth decay? What causes it? 3. How much sugar is in your drink?	
	Taking care of my teeth! 牙使保衛計畫		1. Group discussion: Ways to maintain oral health: What can you do to maintain oral health? 2. How to use dental floss? 3. Applying Healthy Life skills: Self-efficacy & Problem-solving	
相關領域之學 習表現 MOE Curriculum Guidelines	1a-IV-3 評估內在與外在的行為對健康造成的衝擊與風險。 2a-IV-2 自主思考健康問題所造成的威脅感與嚴重性。			
學科學習內容 Content				
Da-IV-3 視力、口腔保健策略與相關疾病 Da-IV-1 衛生保健習慣的實踐方式與管理策略				
語言學習內容 (Language of Learning) Communication				
學習目標 Learning Objectives	<b>First-Class:</b> -tooth. -teeth. -mouth -dog teeth. -milk teeth. -adult teeth -cutting -biting -chew -grind. -crown -neck -root -gum -enamel -nerve & blood vessels		<ul style="list-style-type: none"> <li>• What are the functions of teeth?</li> <li>• Teeth help us to.....</li> <li>• How many teeth do you have 5 years ago?</li> <li>• How many teeth do you have now?</li> <li>• How many incisors/canines/premolars/molars do you have?</li> </ul>	
	<b>Second-class:</b> -Cavity -Decay -dentist -Plaque -sticky -bacteria -sugars -least -acid		<ul style="list-style-type: none"> <li>• When was the last time you visited the dentist? What happened?</li> </ul>	

	<b>Third-class:</b> -cheek side      -tongue side -occlusal side   -surface -dental floss    -toothbrush -fluoride        -mouthwash -toothpaste	<ul style="list-style-type: none"> <li>•What can you do to maintain oral health?</li> <li>•I can...</li> </ul>	
學習任務/活動 Learning Tasks	步驟 Procedures	教學資源 Teaching Resources	認知能力 Cognition

	<p><b>準備階段 Preparation stage</b></p> <p>1. T asks Ss: When was the last time you visited the dentist? What happened? Ss practicing the sentence pattern.</p> <p>2. T asks Ss: what is “TOOTH DECAY”?</p> <p>3. Ss watch a video clip, listen and fill in the blanks.</p> <p><b>發展階段 Development stage</b></p> <p>4. T explains “tooth decay ” and how it happens.</p> <p>5. T indicates the four risk factors for tooth decay and emphasizes sugary food or drinks could be the main reason why half of middle school students have cavities.</p> <p>6. T asks Ss to think about the snacks they have a day. T explains the harm of snacks.</p> <p>7. T shows a picture of how many sugar cubes are in a sugary drink (比菲多) and reveals that we easily intake too much sugar.</p> <p>8. T shows a picture of 6 bottles of sugary drinks and asks Ss to guess “How much sugar is in those drinks? “</p> <p>8. Ss use a scale to weigh and figure out how much sugar cubes are in their drinks.</p> <p><b>總結階段 Summary stage</b></p> <p>9. T make a conclusion:</p> <p>A. Which drink has the most sugar? B. Which drink has the least sugar? C. Which drink do you think will least hurt your teeth? D. Write down three ways you can reduce the hurt to your teeth.</p>	<p>Worksheets PowerPoint</p> <p>YouTube video PowerPoint</p> <p>Worksheets PowerPoint</p> <p>PowerPoint</p> <p>Sugary drinks Scales Sugar cubes Worksheets</p>	<p>Ss can understand Teacher’s questions and answer correctly.</p> <p>Ss understand what causes cavities.</p> <p>Ss can remember &amp; understand the danger of sugary food or drinks</p> <p>Ss analyze their daily snack intake and risks for cavities.</p> <p>Ss can relate to life experience</p> <p>Ss are able to analyze the sugar contained in drinks.</p> <p>Ss can correctly respond to the question.</p>
自編自選教材或學習單 Learning Materials			

